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MICHIGAN TRAFFIC ACCIDENT FACTS 1980



prepared by the
Michigan Department of
State Police

PREFACE

The state's traffic death toll in 1980 reflected the lowest number of fatalities in seventeen years. Traffic accidents claimed 1774 victims.

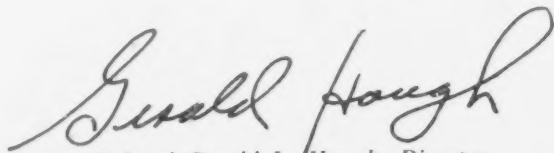
Compared with 1979, fatalities were down 4.1 per cent, injuries were down 10.8 per cent and total accidents were down 14.1 per cent.

Another significant factor on the plus side was the continued all-time low death rate of 2.9 per 100 million miles of travel, the second year in a row. This was down from the previous all-time low of 3.0 in 1977.

Exposure factors in 1980 show motor vehicle registrations up 0.5 per cent to 6.57 millions; motor vehicle travel mileage down 5.7 per cent to 61.19 billions; and number of licensed drivers up 0.8 per cent to 6.40 millions.

Factors influencing the lower traffic death toll and rate in 1980 were felt to include the lower speed limit, a slower-paced economy in some sectors, some labor unrest in areas affecting motor vehicle transport, operating costs of motor vehicles, and the on-going traffic safety efforts of police and other agencies.

Data on accidents in this booklet were obtained from individual reports and summaries provided by local police departments, sheriff jurisdictions, and the Department of State Police. Other related information was obtained from Departments of Transportation, State and Public Health. Grateful appreciation is expressed to all involved agencies for this assistance.

A large, stylized handwritten signature in black ink, reading "Gerald Hough". The signature is fluid and cursive, with the first name "Gerald" and last name "Hough" clearly distinguishable.

Colonel Gerald L. Hough, Director
Michigan Department of State Police

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1980 QUICK FACTS

There were 314,594 reported accidents of which 96,763 were personal injury and 216,249 were property damage accidents.

A traffic accident was reported every 1 minute 40 seconds.

Children under the age of 15 accounted for 60.3 percent of the bicycle deaths.

One person was killed every 4 hours and 56 minutes as a result of a traffic accident.

Of those fatal accidents where the drinking condition was determined, 57.8 percent indicated that alcohol was a factor.

There were 144,972 persons injured, crippled and maimed.

One person was injured every 3 minutes and 37 seconds in a traffic accident in Michigan.

The economic loss in Michigan traffic accidents amounted to \$1,206,320,000.

For each person killed there were 81.7 persons injured.

Excessive speed, or speed too fast for conditions, was indicated in 39.1 percent of all fatal accidents.

Of the 2,345 drivers involved in fatal accidents, 16.0 percent were under 20 years of age and 48.0 percent of all drivers involved in fatal accidents were under 25 years of age.

Of all fatal accidents, 24.8 percent occurred at intersections.

In the last five years 9,604 persons have been killed in Michigan traffic accidents. This is an average of 1,920 per year. During the previous five-year-period, 10,309 persons were killed for an average of 2,061 per year.

One out of every 5,218 persons living in Michigan was killed in traffic accidents, one out of every 63 persons was injured.

The 1,774 persons killed were the result of 1,582 fatal accidents for an average of 1.12 deaths per fatal accident.

60.2 percent of all accidents occurred in URBAN areas, BUT 66.1 percent of all traffic deaths occurred in RURAL areas.

The pedestrian death toll for Michigan stands at 275 persons. This represents a decrease of 63 deaths from the 1979 figure.

For each pedestrian killed, there were 17.5 injured.

Of all pedestrians, 84.7 percent were killed between intersections.

Of all pedestrians killed 28.3 percent were under the age of 20 years and 27.0 percent were 55 and older.

During the past five years, a total of 1,669 pedestrians have been killed, an average of 334 per year.

Of the 734,080 vehicle occupants involved in accidents, only 75,413 or 10.3 percent were using occupant restraints.

MICHIGAN TRAFFIC TRENDS 1971 - 1980

(A 10 Year Comparison)

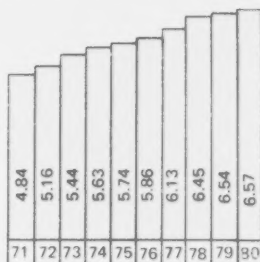
MOTOR VEHICLE REGISTRATIONS

Millions of
Vehicles

LD0-123

Great Lake State

UP 36%

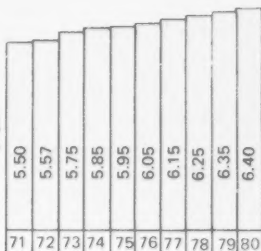


LICENSED DRIVERS

Millions of
Drivers



UP 16%

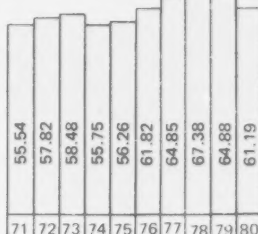


VEHICLE MILES TRAVELED

Billions of
Miles



UP 10%

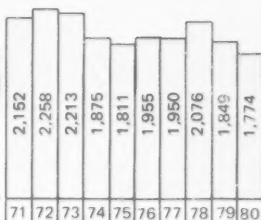


DEATHS

Number of
Deaths



DOWN 18%

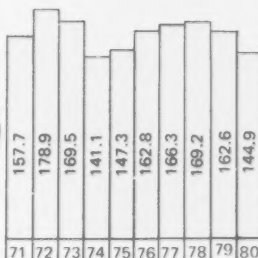


INJURIES

Thousands of
Injuries



DOWN 8%

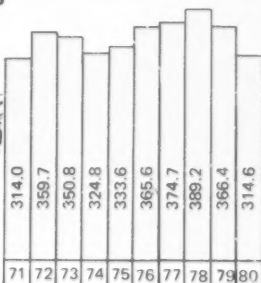


ACCIDENTS

Thousands of
Accidents



UP 0.2%

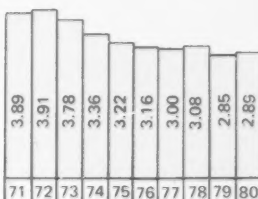


MILEAGE DEATH RATE

Deaths Per
100 Million
Vehicle Miles



DOWN 26%



A fatality was counted when a person died due to injuries from a traffic accident, up to one year after the accident. Starting in 1979 this time period was reduced to 90 days after the accident.

1979-1980 SUMMARY TRENDS

- Total accidents decreased 14.1% statewide.
- Fatal accidents decreased 4.8%.
- Persons killed decreased 4.1%.
- Injury accidents decreased 10.9%.
- Persons injured decreased 10.8%.
- Persons sustaining "A" type injuries (the most serious) decreased 8.5%.
- Vehicle occupants, drivers and passenger deaths decreased 4.0%.
- Non-vehicle occupants, pedestrians, bicyclists, motorcyclists, farm equipment and other deaths decreased 4.2%.
- Drinking was a factor in 57.8% of all fatal accidents where the drinking condition was reported, an increase of 5.4%.

Annual Summary	1979	1980	Percent Change
NUMBER OF ACCIDENTS			
Total Accidents	366,435	314,594	-14.1
Fatal Accidents	1,662	1,582	-4.8
Personal Injury Accidents	108,569	96,763	-10.9
Property Damage Accidents	256,204	216,249	-15.6
PERSONS KILLED			
Male	1,309	1,233	-5.8
Female	540	541	+0.2
Total	1,849	1,774	-4.1
Drivers	899	850	-5.6
Passengers	406	403	-0.7
Pedestrians	338	287	-15.1
Bicyclists	53	63	+18.9
Motorcyclists	126	147	+16.7
Farm Equipment	7	5	-28.6
Other	20	19	-5.0
Total	1,849	1,774	-4.1
DRINKING IN FATAL ACCIDENTS			
Had Been Drinking	901 (54.8%)	900 (57.8%)	-1.1
Had Not Been Drinking	744 (45.2%)	655 (42.2%)	-12.0
Total	100.0%	100.0%	
PERSONS INJURED			
"A" Injury	23,443	21,448	-8.5
"B" Injury	51,466	47,101	-8.5
"C" Injury	87,662	76,423	-12.8
Total	162,571	144,972	-10.8
PERSONS IN ACCIDENTS			
Killed and Injured	164,420	146,746	-10.7
Not Injured	812,998	812,708	-0.03
Total	977,418	959,454	-1.8

The decreases in occupant "A" type injuries are very likely the result of decreases in exposures and speeds.

The continuous presence of alcohol as a factor in accidents indicates a need for more legislature in the accident field whereby all drivers involved in accidents would be subjected to a chemical test to determine their blood-alcohol content.

As a measure of accomplishment, Michigan's death rate per 100 million miles has been driven downward from an all-time high of 16.8 in 1935 to the all-time low of 2.9 for the second consecutive year. Applying the 100 million mile death rate unit to the past three decades will reveal marked progress in the effort to save lives on the state's highways.

A multi-factored effort may be credited with this overall improvement and rests largely on some rather exhaustive participation by several disciplines. Improved highway engineering techniques, technical advances in automobile design and manufacture, emergency medical treatment advancement, better trained drivers and the efficient use of selective enforcement have all been responsible for this better experience.

Traffic accidents, in general, result from various causes, direct and indirect. The three elements of traffic; the driver, the highway and the motor vehicle, contribute, in some measure, to every accident. A preponderance of evidence, however, points to driver error as the chief cause of the majority of accidents.

Many common driver failures can be cited as contributory factors in accidents. Without any particular priority, enforcement investigation shows irresponsible attitude, lack of skill, inattention, fatigue, physical impairment, lack of knowledge and failure to drive defensively as accident-producing factors. It may be noted that the more experienced driver compensates for many of these self-induced mistakes, drawing on learned skills and experiential techniques.

Significantly, driver age group 15-24 represents 24.3 percent of the total licensed drivers in Michigan. However, they account for a disproportionate number of all accidents at 34.8 percent and an involvement of 38.9 percent in all fatal accidents. Comparing other ten-year age groupings with this record underscores the high risk potential of the group and strengthens conclusions drawn from past law enforcement experiences.

One of the best prospects for accident reduction and safer driving is the continuation of driver education efforts and driver improvement programs. Michigan can currently boast of a national award-winning driver education program, high school oriented and administered by the Department of Education. This program enrolls 97 percent of eligible students in qualifying courses annually. Driver improvement schools, relating to the courts, work to reestablish proper driving skills and attitudes in problem drivers.

With the entrance of the Federal Government into the state traffic safety field (Highway Safety Act of 1966) an acceleration of research and development is producing promising dividends. Variables such as highway design, attitudinal research and program studies are being given a closer look with an eye toward more comprehensive accident prevention planning. Conclusions cannot be easily reached and the complexity of the total problem demands intensified enforcement participation.

With exposure factors of increased traffic continuing to mount, it is obvious that every effort must be made to implement effective programs. The combined Federal-State jurisdictions will need maximum support from officials and citizens alike if the present trend is to be continued and more lives are to be saved.

PRINCIPAL CLASSES OF MOTOR-VEHICLE DEATHS

Two out of every three deaths in 1980 occurred in places classified as rural. In URBAN areas, 24 percent of the victims were pedestrians and in RURAL areas 75 percent of the victims were occupants of motor vehicles. Sixty percent of all deaths occurred in night accidents.

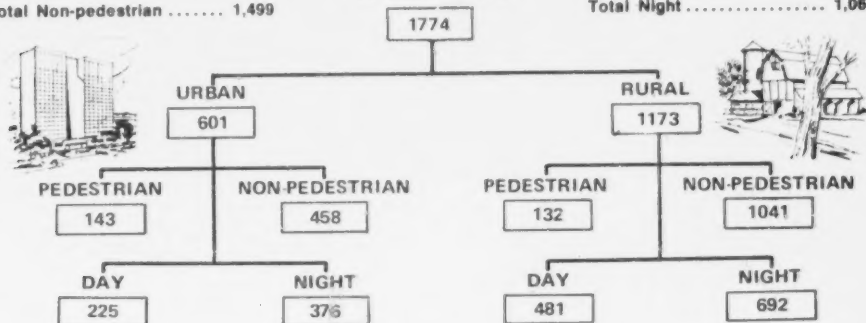
Total Pedestrian 275

TOTAL DEATHS

Total Day 708

Total Non-pedestrian 1,499

Total Night 1,068



FATAL ACCIDENTS BY DATE AND MONTH

Date	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
01	8	3	2	1	4	4	2	11	8	5	5	3	56
02	*	6	6	3	1	1	3	10	6	7	7	3	53
03	5	6	3	5	9	4	2	5	5	3	3	1	51
04	3	4	*	3	10	3	11	2	4	6	3	4	53
05	3	1	3	2	4	4	6	4	7	8	1	5	48
06	2	6	2	3	5	4	7	2	6	7	2	6	52
07	3	4	1	2	4	5	4	6	7	1	8	4	49
08	3	5	5	3	*	5	1	7	4	3	8	8	52
09	1	4	1	1	1	1	4	7	4	6	7	5	42
10	1	5	5	3	6	6	3	4	3	5	3	4	48
11	2	4	5	10	5	5	5	1	3	6	2	2	50
12	7	1	4	3	3	5	5	4	8	10	3	2	55
13	3	6	6	5	1	2	3	7	3	2	4	6	48
14	7	2	8	3	4	5	2	4	3	4	3	10	55
15	1	6	7	4	1	6	6	5	1	1	3	4	45
16	*	3	2	1	3	3	3	6	3	4	*	4	32
17	4	3	2	3	6	6	4	7	3	5	2	4	49
18	4	3	1	4	4	5	2	5	2	4	5	9	48
19	4	1	2	13	2	3	4	2	6	1	4	7	49
20	4	5	2	2	3	6	8	4	9	2	4	3	52
21	4	5	3	1	4	13	3	3	7	2	6	5	56
22	6	6	5	2	6	9	3	8	4	6	2	2	59
23	3	5	*	7	6	2	4	8	5	8	2	17	67
24	3	5	*	2	9	6	7	11	5	3	3	6	60
25	8	2	2	4	7	4	3	4	7	4	3	3	51
26	5	1	4	7	5	7	4	3	4	6	4	6	56
27	1	5	2	2	2	5	5	3	11	6	8	8	58
28	4	2	4	*	5	7	3	1	5	5	6	5	47
29	1	7	6	4	7	8	4	9	8	*	8	2	64
30	4		2	5	3	5	9	8	5	3	2	2	48
31	2				10		4	3		6		8	31
TOTALS	106	116	95	108	140	149	134	164	156	139	121	154	1,582

*Deathless Day

Holiday Period

PERSONS KILLED BY DATE AND MONTH

Date	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
01	8	3	4	1	4	4	2	12	9	7	7	3	64
02	*	6	7	3	1	1	4	13	7	7	8	4	61
03	6	7	3	5	12	4	2	5	6	3	3	1	52
04	3	4	*	4	10	3	11	2	4	8	3	5	57
05	3	1	4	2	4	4	6	5	14	8	1	6	58
06	2	7	3	3	5	4	7	2	7	7	2	7	56
07	5	4	1	3	4	6	4	6	14	1	8	4	60
08	4	5	6	3	*	6	1	8	4	3	11	9	60
09	1	4	1	1	1	1	5	10	4	6	7	6	47
10	1	6	5	3	8	7	3	5	3	5	3	5	54
11	2	4	5	11	5	5	6	1	3	7	2	2	53
12	7	1	4	3	3	5	5	4	12	15	3	3	65
13	3	8	7	6	1	3	3	7	3	2	4	8	55
14	10	2	9	3	4	6	2	4	5	4	3	14	66
15	1	10	7	4	2	6	6	6	1	1	3	6	53
16	*	3	3	1	6	3	3	6	3	4	*	5	37
17	4	4	2	3	6	6	4	7	3	5	2	4	50
18	5	3	1	4	4	6	2	5	3	5	5	9	52
19	4	1	3	15	3	3	4	2	9	1	5	7	57
20	4	5	2	2	4	7	8	5	9	2	4	4	56
21	4	6	4	1	4	17	5	3	7	3	7	5	66
22	6	6	6	2	6	9	3	8	4	7	2	2	61
23	3	5	*	8	6	5	4	10	5	8	2	18	74
24	3	5	*	2	9	6	8	13	5	3	3	7	64
25	9	2	2	4	7	5	3	5	10	4	3	5	59
26	7	2	5	8	5	7	6	4	5	6	4	6	65
27	1	5	2	2	3	5	5	3	12	6	8	6	58
28	4	2	4	*	5	11	3	1	5	5	10	5	55
29	1	10	7	4	7	10	4	9	10	*	8	2	72
30	4		2	5	3	5	9	8	6	3	2	2	49
31	2				11		4	4		6		6	33
TOTALS	117	131	109	116	153	170	142	183	192	152	133	176	1,774

*Deathless Day

Holiday Period

This year Michigan experienced 9 deathless days on Michigan highways, the same as last year. In March there were two consecutive deathless days. (24th and 25th)

MICHIGAN TRAFFIC ACCIDENT FACTS FOR VARIOUS TIME PERIODS

Accident Facts	During 1980			Yearly Comparison		% Change 79-80
	Per Day	Per Week	Per Month	1979	1980	
Deaths	4.9	34.1	148	1,849	1,774	-4.1
Injuries	397	2,788	12,081	162,571	144,972	-10.8
Accidents	862	6,050	26,216	366,435	314,594	-14.1
Cost of Accidents	\$3,304,986	\$23,198,461	\$100,526,666	\$1,220,500,000	\$1,206,320,000	-1.2
Drivers Involved	1,418	9,958	43,152	624,337	517,829	-17.1
Vehicles Involved	1,421	9,974	43,219	625,201	518,634	-17.0



WHERE TRAFFIC FATALITIES OCCURRED

1980 1979
1979 1849

Counties Had Increases



Counties Had Decreases



Counties Had No Change



MOTOR VEHICLE DEATHS, MILEAGE AND RATES BY MONTH

Month	Traffic Deaths					1980 Percentages		
	1976	1977	1978	1979	1980	Percent Deaths	Percent Miles Driven	Death Rate*
January	118	126	98	102	117	6.6	8.7	2.2
February	102	87	104	103	131	7.4	7.9	2.7
March	134	122	128	129	109	6.2	8.5	2.4
April	150	143	177	152	116	6.5	7.8	2.4
May	163	184	178	146	153	8.6	8.7	3.3
June	169	179	203	155	170	9.6	8.4	3.4
July	196	223	206	190	142	8.0	7.9	3.0
August	227	194	229	171	183	10.3	8.4	3.6
September	189	164	214	174	192	10.8	8.4	3.8
October	171	189	199	187	152	8.6	7.9	3.2
November	174	181	183	171	133	7.5	8.9	2.4
December	162	158	157	169	176	9.9	8.5	3.5
TOTALS	1,955	1,950	2,076	1,849	1,774	100.0	100.0	2.9

*Deaths per 100 million vehicle miles.

In 1980 the highest death total was in September. Over the five year period August is the highest average, followed by July.

MICHIGAN BICYCLE ACCIDENTS

In 1980, there were 63 bicyclists killed and 3,815 injured in 4,309 total reported accidents involving bicycles and motor vehicles. The number killed was 10 more than in 1979, and injuries recorded were 0.7% higher.

Children under 15 years of age accounted for 38 or 60.0 percent of the bicycle deaths in 1980.

Generally, three out of five bicyclists are killed in rural areas. In 1980, rural deaths were 39 and there were 24 in urban areas. Past experience indicates that urban areas have two to three times as many bicycle injuries and total reported accidents compared with rural experience and this was true again in 1980.

Age of Persons Killed	1976	1977	1978	1979	1980
0-4 years	1	2	3	3	4
5-9 years	15	8	16	9	14
10-14 years	23	17	18	17	20
15-19 years	18	10	15	10	14
20-24 years	2	3	2	3	3
25-34 years	3	1	2	8	4
35-44 years	1	2	0	0	0
45-54 years	3	0	0	2	4
55-64 years	0	0	2	0	0
65-74 years	1	0	0	0	0
75 and over	0	0	1	0	0
Not Stated	0	0	0	1	0
TOTALS	67	43	59	53	63

Age of Persons Injured	1976	1977	1978	1979	1980
0-4 years	69	64	48	61	48
5-9 years	735	676	688	651	625
10-14 years	1,472	1,374	1,443	1,420	1,360
15-19 years	922	893	861	965	990
20-24 years	305	274	259	306	331
25-34 years	184	141	168	204	258
35-44 years	51	45	51	73	62
45-54 years	37	32	29	24	37
55-64 years	21	20	22	25	29
65-74 years	16	14	16	19	21
75 and over	15	4	8	7	13
Not Stated	36	30	28	35	41
TOTALS	3,843	3,567	3,619	3,790	3,815

Detailed information can be obtained on Michigan Bicycle Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN MOTORCYCLE AND MOTOR SCOOTER DATA

Motorcycle & Motor Scooter Data	1976	1977	1978	1979	1980
Registrations	268,938	260,816	242,706	251,210	254,129
Deaths	137	161	160	126	148
Death Rate*	5.1	6.2	6.6	5.0	5.8
Estimated Mileage**	806,814	782,448	728,505	753,630	762,387
Death Rate***	17.0	20.5	22.0	16.7	19.4

*Based on 10,000 cycle registrations.

**Based on 3,000 miles per cycle.

***Based on deaths per 100 million vehicle miles traveled.

Within the last two years, motorcycle registrations have been increasing. This year there was a 1.2 percent increase over 1979, compared with a 0.5 percent increase in total motor vehicle registrations.

There were 6,561 accidents which involved a motorcycle. Of these accidents 2.2% were fatal accidents, and 83.7% were injury accidents.

Based on deaths per 10,000 registrations, mortality rate for motorcycles is 5.8 while deaths for all vehicles is 2.7 per 10,000 registered.

There are no accurate mileage figures for motorcycles, but estimates range from 3,000 to 5,000 miles per year for personal cycles. Such figures indicate that the mileage death rate, based on rider deaths only, may range between 11.6 and 19.4 (deaths per 100 million vehicle miles of travel). This compares with the 1980 death rate for all motor vehicles of 2.9 per 100 million miles which includes pedestrian and other nonoccupant deaths as occupant deaths. There were 288 mopeds involved in accidents. In the 288 moped accidents, three persons were killed and 276 were injured.

Detailed information can be obtained on Michigan Motorcycle and Motor Scooter Data by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN RAILROAD ACCIDENTS

Of the 392 grade crossing accidents which happened in Michigan during 1980, 27 were fatal accidents in which 27 persons were killed. Approximately 67 percent of the vehicles struck were passenger cars. The rest were mostly trucks with 3 motorcycles involved.

Nearly four out of five drivers involved in these type accidents were local residents who were either driving too fast and were unable to stop or disregarded the traffic signal.

During the daylight hours 215 or 55% of the train accidents occurred.

Detailed information can be obtained on Michigan Railroad Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN MOTOR VEHICLE-DEER ACCIDENTS

Michigan had 18,932 reported motor vehicle-deer accidents during 1980 in which 2 persons were killed as a result of the collision. Approximately 75 percent of the vehicles involved were passenger cars.

Accidents involving deer occurred most frequently during the second quarter (20%) and the last quarter (49%) of the year for a total of 60 percent of all car-deer collisions.

Approximately 61 percent of the drivers involved were local residents with 70 percent of the accidents occurring during hours of darkness.

Contrary to common belief, motor vehicle-deer accidents are happening in Michigan's southern, heavily populated counties, Kent County being the highest with 811 deer accidents.

Detailed information can be obtained on Motor Vehicle-Deer Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

SNOWMOBILE ACCIDENTS

Type of Accident	1979-1980						1978-1979		
	No. of Accidents				No. of Persons				
	Total*	Fatal	Injury	P.D.	Killed	Injured	Accidents	Killed	Injured
Overtuned	75	1	73	1	1	77	130	2	126
Other Non-Collision	53	6	46	1	6	48	97	2	95
Collision With:									
Pedestrian	11	1	10	0	1	14	11	0	11
M.V. in Transport	80	6	53	21	7	68	335	7	223
M.V. — Other Roadway ..	0	0	0	0	0	0	0	0	0
Parked M.V.	25	3	13	9	3	14	59	3	36
Railroad Train	2	1	1	0	1	1	0	0	0
Pedalcyclist	0	0	0	0	0	0	0	0	0
Animal	2	0	0	3	0	0	7	0	4
Fixed Object	145	9	129	7	9	145	152	8	131
Other Object	21	0	19	2	0	20	20	1	19
TOTALS	415	27	344	44	28	387	811	23	645

*Includes 160 on Roadway Accidents — 255 Off Roadway Accidents

Snowmobile accidents in Michigan have decreased 48.0 per cent, while registrations have increased 3.4 per cent since the last snow season. Statistics show Michigan had 69,251 registered snowmobiles during the 1968-1969 snow season. The latest statistics now show Michigan has registered 467,036 snowmobiles. The large decrease in snowmobile accidents was effected by the light snow cover.

The dramatic increase in the number of snowmobiles has brought with it many complications, particularly those pertaining to safe operation. Accidents resulting in injuries and deaths decreased during the last snow season.

Snowmobiles in the State of Michigan are not a passing fancy to be dealt with lightly; there must be continuous concern to improve the safety for all persons involved in snowmobiling.

Detailed information can be obtained on 1980 Michigan Snowmobile Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

MICHIGAN FARM EQUIPMENT ACCIDENTS

A total of 334 accidents involving farm equipment were reported on Michigan roadways during 1980. Of these accidents, 266 were the result of a collision with another vehicle. In 97 of these accidents, both vehicles were traveling in the same direction resulting in a rear-end collision. Of these accidents, 73.0 percent happened during daylight hours and 80.0 on dry roads.

Farm equipment accidents claimed the lives of 7 persons on Michigan roadways during 1980. Five of the persons killed were drivers or passengers on the farm equipment. Two of the persons killed on farm equipment resulted from collision with another motor vehicle. Of the drivers involved in farm equipment accidents 84.0% were males.

Detailed information can be obtained on Michigan Farm Equipment Accidents by contacting the Michigan Department of State Police, Traffic Services Division.

OPERATION C.A.R.E.

The year 1980 saw Operation C.A.R.E. in full swing, again providing additional enforcement and traffic safety awareness during the Memorial Day, Fourth of July and Labor Day weekends. The program is 100% federally funded through a grant from the Office of Highway Safety Planning. This year's grant totaled \$580,000 initially and was increased to \$661,000 to provide gasoline for patrol cars and additional overtime hours for a special alcohol enforcement program in Oakland County. \$503,000 of the grant was scheduled for personal services (patrol overtime, field supervision and headquarters coordination). The remaining \$158,000 was used for public education and program material and supplies.

Troopers worked in excess of 5,800 hours of overtime on traffic patrol during *each* of the holiday weekends. This increased patrol was responsible for generating in excess of 27,000 motorist contacts and approximately 220 DUIL arrests; 9,500 traffic citations; 5,800 verbal warnings and 2,100 motorist assists over *each* of the three weekends.

Approximately 70 C.B. radio clubs assisted Operation C.A.R.E. by maintaining safety breaks at numerous rest areas and parking lots throughout the state. Thousands of items of traffic safety literature were distributed as motorists stopped to take a break and enjoy the refreshments provided them by the clubs. It is estimated that nearly one million cups of coffee and cold drinks were distributed over the three holiday weekends.

The traffic fatality count continues to remain below the average prior to the start of Operation C.A.R.E. The chart shown below compares the past 10 summer holiday weekends with the 10 summer holiday weekends previous to C.A.R.E. — a reduction of 58 fatalities is reflected.

HOLIDAY DEATH COUNT

Year	Memorial Day	July 4th	Labor Day
1974		34	25
1975	28	27	25
1976	34	19	31
1977	32	34	18
C 1978	25	23	31
A 1979	17	12	31
R 1980	23	25	26

OCCUPANT RESTRAINTS

Michigan does not have a law requiring the use of safety restraints by all vehicle occupants. Other countries have been very successful in passing a law requiring the use of safety restraints by all vehicle occupants, which has caused significant reductions in deaths and injuries.

In reviewing the Michigan restraint data, it is very obvious that there is a great need for more voluntary compliance in restraint usage. Of the total occupants involved in accidents, only 10.3% were using restraints, down from 11.2% in 1979. There is a need to change the public attitudes, this approach is a long term comprehensive, informational and educational program designed to impact an entire population through small group communication techniques.

Vehicle Occupant Restraint Data	Total Occupants		Occupants In Fatal Accidents		Occupants In Injury Accidents		Occupants Prop. Damage Accidents	
Using Restraints	75,413	10.3%	150	4.3%	22,146	9.1%	53,117	10.9%
Not Using Restraints	594,851	81.0%	3,015	85.9%	202,960	83.0%	388,876	80.0%
Usage Unknown	63,816	8.7%	343	9.8%	19,342	7.9%	44,131	9.1%
TOTAL OCCUPANTS	734,080		3,508		244,448		486,124	

	Monthly Percentage of Occupant Restraint Usage												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
1978	15.7	14.5	13.6	12.7	12.8	12.3	12.2	11.7	11.9	11.7	12.2	12.0	12.8
1979	12.8	11.8	11.6	10.8	11.0	10.5	10.6	10.8	10.8	10.6	11.2	11.3	11.2
1980	11.0	10.9	11.1	10.3	9.0	8.2	9.6	9.9	10.4	10.8	10.7	11.1	10.3

AGE OF MAJORITY ACCIDENT DATA

18-20 Years Old

One of the most publicized aspects of the drinking and driving problem has been the emphasis on the "young driver", 18 to 20 years of age. Very diverse opinions as to the significance of the data exists among the concerned interest groups.

The Michigan data reveals that the young drivers are beginning a downward trend (79-80) since a steady upward trend (74-78). Year 1979 was the first year the drinking age was 21 since 1972.

In an attempt to display the most pertinent information, the following schedules have been selected from the complete study for this publication.

DRINKING DRIVERS INVOLVED IN ACCIDENTS

Accident Type	18-20 Years				All Ages			
	1978	1979	1980	79-80 % Change	1978	1979	1980	79-80 % Change
All	12,567	9,627	9,056	-5.9	61,723	60,834	56,459	-7.2
Fatal	182	161	164	+1.9	957	931	938	+0.8
Injury	5,486	4,431	4,062	-8.3	26,623	27,122	25,430	-6.2
Property Damage ...	6,899	5,035	4,830	-4.1	34,143	32,781	30,091	-8.2

ALL DRIVERS INVOLVED IN ACCIDENTS

Accident Type	18-20 Years				All Ages			
	1978	1979	1980	79-80 % Change	1978	1979	1980	79-80 % Change
All	104,597	95,011	75,398	-20.6	659,844	624,337	517,829	-17.1
Fatal	415	363	344	-5.2	2,801	2,519	2,345	-6.9
Injury	31,060	28,525	23,203	-18.7	194,653	188,848	163,417	-13.5
Property Damage ...	73,122	66,123	51,851	-21.5	462,390	432,970	352,067	-18.7

DRINKING DRIVERS IN PERCENT OF ALL DRIVERS INVOLVED IN ACCIDENTS

Accident Type	18-20 Years				All Ages			
	1978	1979	1980	79-80 % Change	1978	1979	1980	79-80 % Change
All	12.0	10.1	12.0	+1.9	9.4	9.7	10.9	+1.2
Fatal	43.9	44.4	47.7	+3.3	34.2	37.0	40.0	+3.0
Injury	17.7	15.5	17.5	+2.0	13.7	14.4	15.6	+1.2
Property Damage ...	9.4	7.6	9.3	+1.7	7.4	7.6	8.5	+0.9

DRIVERS ARRESTED FOR DRIVING UNDER THE INFLUENCE OF LIQUOR (D.U.I.L.)

Arrests	18-20 Years				All Ages			
	1978	1979	1980	79-80 % Change	1978	1979	1980	79-80 % Change
Total	4,840	4,332	4,005	-7.5	39,628	41,937	41,032	-2.2
Male	4,415	3,955	3,628	-8.3	36,537	38,406	37,299	-2.9
Female	425	377	377	0.0	3,091	3,531	3,733	+5.7

BREATH TESTING

Act No. 253, Public Acts of 1967, which became effective November 2, 1967, created "Implied Consent" in Michigan.

Under the National Highway Safety Act, the federal government provided Michigan with financial assistance to purchase breath testing equipment and train officers in the use of the equipment. A training program was initiated with the cooperation of Michigan State University, Michigan Department of Public Health, Michigan Law Enforcement Officers Training Council and the Michigan Department of State Police. Training consisted of a comprehensive 40-hour course which was conducted at Michigan State University.

Michigan State University ceased active participation in the program in October, 1978, and the Department of Public Health and Department of State Police continued to train officers, through cooperative efforts, at the Michigan State Police Training Academy and the Detroit Metropolitan Police Academy. Effective April 1, 1981, the Legislature delegated the responsibility of certifying all breathalyzer equipment and operators to the Department of State Police. All 40-hour schools are now conducted by Michigan State Police personnel at both the Michigan State Police Training Academy and the Detroit Metropolitan Police Academy.

Police agencies from throughout Michigan participate in the program. As of June 30, 1981, a total of 5,079 officers have been trained. In addition to the initial training program, officers are required to be recertified annually during one-day regional training sessions to maintain their proficiency of operation and to keep abreast of the many changes in law and procedures. Currently there are nearly 2,000 active operators.

Initially, 246 breathalyzers and 248 simulators were received during the grant period. In 1979 an additional 156 breathalyzers were purchased and distributed to participating agencies. All units are maintained and serviced through a scheduled program by certified inspector-operators from the Michigan State Police and Detroit Police Department.

Test Results	Number of Tests	% of Total Tests	% of Arrests
.00 to .07	1,474	3.6	
.08 to .099	1,039	2.6	
.10 to .149	9,357	23.0	
.15 and over	28,832	70.8	
Total breath tests	40,702	100.0	77.3
Total tests refused*	11,925		22.7
Total persons arrested	52,627		100.0

*Based on refusal forms received by Department of State (includes information on certificates of conviction).

Blood-alcohol levels of .04 are definitely associated with increased accident involvement according to studies. When the alcohol level reaches .06, the probability of causing an accident is twice that of the no-alcohol level at .10 the probability is six times greater and at .15 it is 25 times greater than if the driver were sober.

DUIL arrests increased in 1980, 21% over 1979. In 1980, 6,971 arrests were made for drunk driving at the accident scene.

1980 DRIVER INFORMATION

While the crash phase and post-crash phase are important for the prevention of injury and death in all age groups, the pre-crash phase is especially critical among young drivers. What are his attitudes, motivations, perceptions and reactions behind the wheel in the critical minutes and seconds before the "point-of-no-escape"? Excessive speed and loss of control, etc., may occur at any age, but never more than among young drivers.

Effective October 6, 1980, legislation was passed which removed the requirement for a road test from students who had successfully completed a Driver Education Course.

Sex of Driver	NUMBER OF DRIVERS			
	Total	Fatal	Injury	Property Damage
Male	356,437	1,887	109,052	245,498
Female	161,392	458	54,365	106,569
TOTALS	517,829	2,345	163,417	352,067

Age of Driver	Fatal Accident Drivers		Percent Change	Percent 1979 Fatal	Percent Driving Population
	1979	1980		Accident Involvement	
16 years and under	72	72	—	3.1	2.5
17 years	107	91	-15.0	3.9	3.6
18-19 years	243	213	-12.3	9.1	5.3
20-24 years	513	537	+4.7	22.9	13.9
Group Sub-Total	935	913	-2.4	38.9	24.3
25-34 years	616	584	-5.2	24.9	24.4
35-44 years	348	295	-15.2	12.6	15.9
45-54 years	241	198	-17.8	8.4	13.4
55-64 years	188	164	-12.8	7.0	12.2
65-74 years	81	71	-12.3	3.0	7.1
75 years and over	49	52	+6.1	2.2	2.8
Not Stated	61	68	+11.5	2.9	—
Group Sub-Total	1,584	1,432	-9.6	61.1	75.7
TOTAL DRIVERS	2,519	2,345	-6.9	100.0	100.0

TOTAL PERSONS KILLED

Age of Person	1976	1977	1978	1979	1980
0-4 years	43	49	43	39	41
5-9 years	71	62	74	57	52
10-14 years	80	91	80	63	64
15-19 years	415	413	358	342	306
20-24 years	345	334	379	310	337
25-34 years	290	305	397	350	363
35-44 years	160	166	200	190	174
45-54 years	164	138	163	167	142
55-64 years	145	138	152	128	128
65-74 years	96	128	116	99	77
75 years and over	137	116	105	95	85
Not Stated	9	10	9	9	5
TOTALS	1,955	1,950	2,076	1,849	1,774

RESIDENCE OF DRIVER

In three out of four of all motor vehicle traffic accidents, and two out of three fatal accidents, one of the drivers was a local resident. This generally means he lived within 25 miles of the accident location.

Resident of Driver	Drivers, All Accidents		Drivers, Fatal Accidents		Drivers, Injury Accidents		Drivers, Property Damage Accidents	
	Number	% of Total	Number	% of Total	Number	% of Total	Number	% of Total
In County	387,390	75.0%	1,600	68.2%	126,192	77.2%	259,598	73.7%
Elsewhere in State	86,714	16.7%	589	25.1%	27,980	17.1%	58,145	16.5%
Non-resident	8,196	1.6%	60	2.6%	2,538	1.6%	5,598	1.6%
Not Stated	35,529	6.9%	96	4.1%	6,707	4.1%	28,721	8.2%
TOTALS	517,829		2,345		163,417		352,067	

ACCIDENT EXPERIENCE BY ROADWAY TYPE

The schedule below provides a detailed breakdown of estimated vehicle mileage, accidents, death rates (deaths per 100 million vehicle miles) and accident rates (accidents per 100 million vehicle miles) for the major roadways in Michigan.

Statewide	Estimated Mileage (Billions)	All Accidents	Deaths	Death Rate	Rates	
					Personal inj. Accidents	Total Accidents
Limited access roadway ...	15.2	18,351	174	1.14	41.4	120.7
U.S. & Michigan roads	16.5	77,939	532	3.22	163.8	530.6
County & local roads	29.5	218,304	1,062	3.62	215.1	707.5
TOTALS	61.2	314,594	1,774	2.89	158.1	514.0

MICHIGAN SPEED REPORT

Type of Lane and Vehicle	1979	1980	1979-1980 Percent Change
INTERSTATE RURAL (55 mph limit)			
Passenger Vehicle			
Average Speed	58.8	58.6	-0.3
% Exceeding 55 mph	77.0	76.5	-0.6
Commercial Vehicle			
Average Speed	56.1	56.3	+0.4
% Exceeding 55 mph	58.3	60.5	+3.8
TWO LANES RURAL (55 mph limit)			
Passenger Vehicle			
Average Speed	54.5	54.3	-3.7
% Exceeding 55 mph	43.6	42.3	-3.0
Commercial Vehicle			
Average Speed	52.9	53.1	+0.3
% Exceeding 55 mph	32.1	35.5	+10.6

Average speeds for passenger vehicles have shown a slight decrease on Michigan rural interstate roadways, as well as two lane roadways.

Average speeds for commercial vehicles have increased slightly on both interstate and two lane roadways.

The Energy Conservation Act was signed into law January 2, 1974 establishing a maximum speed limit of 55 miles per hour.

This 55 mph speed limit has assisted in the traffic and safety efforts.

OBJECTS HIT

Object Hit By Vehicles	% of Total Objects Hit	Total Objects Hit	Fatal Accid.	Personal Injury Accid.	Property Damage Accid.	Rural Accid.	Urban Accid.
Guard rail or post	7.9%	4,922	51	1,809	3,062	3,108	1,814
Highway sign	9.8%	6,080	62	1,537	4,481	3,294	2,786
Street light, utility pole	16.2%	10,056	83	4,492	5,481	3,573	6,483
Culvert	1.0%	632	21	317	294	541	91
Ditch, embankment, stream	16.5%	10,225	24	4,029	6,172	8,704	1,521
Bridge pier or abutment	0.8%	503	16	264	223	259	244
Bridge rail or deck	0.8%	468	12	196	260	311	157
Tree	18.3%	11,351	187	5,538	5,626	8,278	3,073
Highway or railroad signal	0.5%	310	4	104	202	125	185
Building	3.0%	1,869	14	679	1,176	448	1,421
Mailbox	7.0%	4,350	19	994	3,337	3,623	727
Fence	5.7%	3,547	24	901	2,622	1,824	1,723
Traffic isle or curb	2.4%	1,472	15	508	949	343	1,129
Concrete barrier in median	1.8%	1,094	7	563	524	164	930
Other on-trafficway object	4.5%	2,774	30	735	2,009	1,387	1,387
Other off-trafficway object	3.2%	1,983	47	691	1,245	1,184	799
Overhead fixed object	0.4%	273	1	16	256	109	164
Not known	0.2%	106	0	59	49	39	69
TOTALS	100.0%	62,017	617	23,432	37,968	37,314	24,703
PERCENT TOTALS		100.0%	1.1%	37.8%	61.2%	60.2%	39.8%

The above summary lists incidents in which a fixed object was struck either as primary object hit or as the secondary object hit (rebound.)

REGISTRATIONS

COUNTIES	VEHICLE					OTHER		
	PASSENGER	COMMERCIAL*	TRAILER	MOTORCYCLE	TOTAL PLATES	TOTAL REVENUE	WATERCRAFT	SNOWMOBILE OFF-ROAD
Alcona	5,774	2,213	1,600	356	9,945	282,615.24	1,405	1,646
Algon	4,511	2,071	1,112	364	8,058	240,276.24	1,632	2,033
Alpena	40,339	15,006	8,201	2,754	66,354	2,403,564.60	8,080	2,033
Antrim	17,305	6,374	4,531	1,227	29,437	918,693.02	4,973	4,349
Areata	7,432	3,104	2,484	673	15,515	485,660.40	4,903	2,250
Benzie	4,106	1,843	2,194	434	13,224	418,690.75	2,864	2,039
Berrien	22,557	8,313	5,363	262	7,133	211,792.82	3,279	875
Boscawen	6,274	15,821	14,965	3,473	36,539	1,067,905.15	7,097	173
Brazier	50,592	24,369	14,670	413	10,641	3,266,217.41	10,770	10,707
Calhoun	24,749	7,804	5,696	4,846	137,145	4,448,543.80	2,998	1,594
Cass	78,913	10,050	13,707	1,651	35,277	1,221,333.87	15,039	5,063
Charlevoix	11,340	9,436	4,879	1,881	15,673	3,376,118.87	12,153	3,066
Cheboygan	11,777	2,896	2,492	852	41,045	1,248,867.40	9,855	5,066
Chequamegon	13,307	5,465	5,022	908	19,439	570,076.15	3,473	2,756
Clinton	11,698	4,747	3,136	1,008	23,326	711,090.74	4,399	3,899
Crawford	4,980	9,654	6,608	2,384	20,298	584,142.22	3,333	6,272
Delta	20,050	1,987	1,340	319	46,200	1,380,961.53	4,934	3,172
Dickinson	14,020	5,287	3,519	1,281	35,903	234,601.97	2,058	1,736
Eaton	42,482	12,187	8,405	1,073	27,899	520,522.37	4,324	5,896
Emmet	13,034	4,455	2,661	3,363	66,939	2,025,077.26	2,891	3,223
Genesee	9,814	53,770	39,960	17,367	21,050	162,736.91	3,819	6,220
Gladwin	9,186	4,057	3,020	864	36,442	1,217,574.86	33,876	26,188
Gogebic	34,092	9,725	2,618	544	15,496	499,713.35	3,050	2,571
Grand Traverse	20,371	7,307	5,174	2,105	53,764	1,074,117.11	2,787	2,340
Hillsdale	20,859	6,296	5,374	1,622	34,474	1,164,535.21	3,098	5,149
Houghton	15,418	5,128	2,499	1,005	36,215	1,218,792.45	4,158	3,991
Ingham	153,440	31,048	5,496	1,473	34,485	7,162,412.47	3,100	2,670
Ionia	24,537	8,370	5,446	1,473	212,006	1,796,180.09	3,125	4,572
Iscia	14,845	4,750	4,059	2,032	40,387	1,206,126.05	17,428	9,297
Iron	21,335	3,235	4,059	1,020	38,774	721,145.52	4,236	4,367
Ishpeming	81,416	6,296	4,766	1,504	34,420	3,767,181.14	2,668	2,891
Kalamazoo	119,086	20,627	16,917	12,186	34,401	3,144,173.89	3,276	3,985
Kalamazoo	5,616	2,861	1,614	6,825	107,415	5,067,624.12	14,391	7,279
Kalamazoo	281,709	54,823	44,367	14,584	17,772	445,840.81	1,796	6,900
Kalamazoo	3,712	374	187	64	377,533	13,649,800.59	37,356	19,581
Kalamazoo	34,336	12,156	970	225	5,474	46,395.36	338	230
Kalamazoo	7,961	2,555	7,236	2,631	96,403	1,703,342.48	1,815	1,069
Kalamazoo	47,060	15,255	9,196	419	12,495	362,376.85	4,474	7,063
Kalamazoo	50,253	14,116	9,306	3,213	75,147	2,314,238.52	3,505	1,863
Kalamazoo	4,813	2,136	1,165	213	79,390	2,272,717.34	8,695	6,817
Kalamazoo	445,925	56,993	44,343	457	8,768	194,959.71	1,424	1,415
Kalamazoo	12,134	4,156	2,772	16,190	565,351	17,175,702.14	3,306	2,610
Kalamazoo	11,836	1,736	6,207	2,788	19,879	594,566.33	40,492	21,682
Kalamazoo	13,854	3,090	1,064	5,842	1,544,104.87	5,960	2,581	213
Kalamazoo	12,864	5,043	3,252	908	23,095	693,076.43	3,880	2,694
Kalamazoo	42,526	9,561	8,415	908	22,106	693,055.52	3,789	3,136
Kalamazoo	4,857	2,421	1,416	2,545	64,067	1,845,518.63	2,426	3,347
Kalamazoo	70,460	1,855	3,290	1,905	9,059	296,736.80	7,777	5,131
Kalamazoo	24,112	18,282	13,689	4,489	107,626	3,485,629.24	10,425	2,643
Kalamazoo	4,200	8,840	5,890	1,760	40,602	1,222,529.30	5,254	5,079
Kalamazoo	87,280	20,711	15,512	288	7,964	231,397.42	1,792	1,484
Kalamazoo	16,834	6,844	4,424	5,532	129,075	3,946,081.56	14,160	9,765
Kalamazoo	653,389	94,297	50,855	1,517	29,719	891,806.20	14,160	9,765
Kalamazoo	10,602	4,457	3,274	530	834,475	25,596,041.22	65,149	3,825
Kalamazoo	4,893	2,213	2,631	613	56,102.90	5,602,100.92	2,053	2,963
Kalamazoo	6,845	3,813	1,389	298	8,791	529,026.75	2,588	2,732
Kalamazoo	3,672	1,665	1,130	690	15,883	486,102.75	1,398	2,158
Kalamazoo	3,305	3,305	2,025	293	6,790	184,174.38	1,570	2,617
Kalamazoo	87,643	21,336	19,156	5,842	13,864	473,487.72	2,135	1,176
Kalamazoo	6,889	3,525	1,956	494	12,693	4,493,093.14	14,879	9,124
Kalamazoo	106,686	26,922	22,880	627	17,009	472,286.08	2,373	2,273
Kalamazoo	74,117	18,804	12,632	5,869	182,557	5,689,611.21	5,319	4,121
Kalamazoo	29,230	10,449	2,235	4,458	110,711	3,647,044.08	11,610	15,564
Kalamazoo	20,412	8,659	4,712	1,536	34,621	1,540,405.86	6,281	2,321
Kalamazoo	4,470	1,450	1,265	326	7,911	1,185,102.75	1,708	4,458
Kalamazoo	36,862	11,439	7,899	2,359	99,189	1,768,048.96	1,926	1,915
Kalamazoo	33,023	12,297	5,897	2,262	50,462	1,565,129.71	5,073	3,077
Kalamazoo	144,871	160,676	14,614	2,136	45,154	1,036,960.85	7,452	1,110
Kalamazoo	1,301,985	25,286	106,843	38,895	191,800	3,490,267.52	15,642	6,861
Kalamazoo	13,093	4,470	3,423	831	21,917	669,250.79	91,572	26,213
Kalamazoo	20,485	12,237	15,315	147	50,184	4,996,659.04	39,322	3,121
TOTAL	5,226,872	1,088,834	750,533	284,129	7,331,268	736,444	487,036	78,322

ANNUAL REPORT

- There were 1,774 persons killed and 144,972 persons injured in 314,594 reported motor vehicle traffic accidents in Michigan during 1980. Compared with 1979 experience, deaths decreased 4.1 percent, injuries decreased 10.8 percent and total reported accidents showed a 14.1 percent decrease.
- This year deaths were the lowest since 1962.
- Some exposure factors were up in 1980. Compared with 1979, motor vehicle registrations climbed 0.5 percent, vehicle mileage decreased 5.7 percent and licensed drivers increased 0.8 percent.
- With the increase in some exposure factors in 1980 the death rate of 2.89 per 100 million vehicle miles of travel is an increase from the 1979 death rate of 2.85.
- Urban deaths increased 3.6 percent, injuries decreased 11.7 percent and total accidents decreased 16.5 percent as compared to 1979.
- Rural deaths decreased 7.6 percent, injuries decreased 9.5 percent and total accidents decreased 10.3 percent as compared to 1979.
- Urban areas accounted for 60 percent of all accidents and 34 percent of all traffic deaths.
- Rural areas accounted for 40 percent of all accidents and 66 percent of all traffic deaths.
- Rural areas accounted for 41 percent of all injuries while 59 percent were in urban areas.
- Pedestrian deaths decreased 51 persons over the 1979 figure. Urban pedestrian deaths were down 41 over 1979 and rural pedestrian deaths were down a total of 10 persons.

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Motor Vehicle Traffic Accidents in Michigan

PERIOD YEAR - 1980

Compiled by the Michigan State Police

SUMMARY OF ALL
REPORTED ACCIDENTS

COLONEL GERALD L. HOUGH, DIRECTOR

Summary Includes
Information Available

STATEWIDE

TOTAL ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overturned	9522	103	5764	3655	15126	108	7844	7174	1853	3319	2672	9522	108	7844
2. Other Non-collision	1635	16	619	1000	3193	16	717	2460	183	313	221	1635	16	717
3. Pedestrian	4921	270	4474	177	12537	275	4806	7456	1625	1799	1382	4921	275	4806
4. M.V. In Transport	189412	642	58493	130277	614234	770	97006	516458	10957	26230	59819	189412	770	97006
5. M.V. - Other Roadway	125	7	7	48	450	8	154	288	47	44	63	125	8	154
6. Parked M.V.	31255	19	3654	27600	42020	20	4560	37440	595	2022	1943	31255	20	4560
7. Railroad Train	392	27	143	222	567	27	205	335	66	79	60	392	27	205
8. Pedalcyclist	4281	62	3677	542	10637	63	3888	6686	766	1833	1289	4281	63	3888
9. Animal	18666	3	547	18116	31677	4	644	31029	76	263	305	18666	4	644
10. Fixed Object	53580	429	19168	33983	80890	479	24949	55462	5251	11112	8586	53580	479	24949
11. Other Object	805	4	172	629	1377	4	199	1174	29	87	83	805	4	199
Totals	314594	1582	96763	216249	812708	1774	144972	665962	21448	47101	76423	314594	1774	144972

ON ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overturned	1809	16	1304	489	2665	16	1634	1015	425	768	441	1809	16	1634
2. Other Non-collision	1276	13	525	738	2659	13	599	2047	165	262	172	1276	13	599
3. Pedestrian	4699	244	4282	173	11970	247	4565	7158	1540	1709	1316	4699	247	4565
4. M.V. In Transport	188992	637	58376	129979	612931	765	96815	515351	10934	26177	59704	188992	765	96815
5. M.V. - Other Roadway	124	7	69	48	445	8	150	287	46	43	61	124	8	150
6. Parked M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Railroad Train	388	27	142	219	564	27	204	333	66	78	60	388	27	204
8. Pedalcyclist	4136	57	3556	523	10309	58	3761	6490	737	1772	1252	4136	58	3761
9. Animal	18590	3	542	18045	31548	4	639	30905	76	260	303	18590	4	639
10. Fixed Object	1633	10	434	1189	2511	10	551	1950	112	233	206	1633	10	551
11. Other Object	708	2	143	563	1234	2	163	1069	27	68	68	708	2	163
Totals	222355	1016	69373	151966	676836	1150	109081	566605	14128	31370	63583	222355	1150	109081

OFF ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
										A	B	C			
Collision with:	1. Overturned	7713	87	4460	3166	12461	92	6210	6159	1428	2551	2231	7713	92	6210
	2. Other Non-Collision	359	3	94	262	534	3	118	413	18	51	49	359	3	118
	3. Pedestrian	222	20	192	4	567	28	241	298	85	90	66	222	28	241
	4. M.V. In Transport	420	3	117	298	1303	5	191	1107	23	53	115	420	5	191
	5. M.V. - Other Roadway	1	0	1	0	5	0	4	1	1	1	2	1	0	4
	6. Parked Motor Vehicle	31255	19	3630	27600	42020	20	4560	37440	595	2022	1943	31255	20	4560
	7. Railroad Train	4	0	1	3	3	0	1	2	0	1	0	4	0	1
	8. Pedalcyclist	145	5	121	19	328	5	127	196	29	61	37	145	5	127
	9. Animal	76	0	5	71	129	0	5	124	0	3	2	76	0	5
	10. Fixed Object	51947	419	18734	32794	78379	469	24398	53512	5139	10879	8380	51947	469	24398
	11. Other Object	97	2	29	66	143	2	36	105	2	19	15	97	2	36
Totals		92239	506	27390	64283	135872	624	35891	99357	7320	15731	12840	92239	624	35891

Totals		92239	95	27320	64282	132625	2012-2013									
ROAD SURFACE	Total	NUMBER OF ACCIDENTS				AGE	NUMBER OF PERSONS KILLED									
		Fatal	Injury	P.D.	Total		Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other	
Dry	201131	1175	64047	135909	0-4	41	21	20	0	26	11	4	0	0	0	
Wet	61733	247	19750	41736	5-9	52	28	24	0	12	22	14	2	2	0	
Snowy/Icy	48808	145	12056	36607	10-14	64	39	25	2	14	19	20	7	1	1	
Other	2922	15	910	1997	15-19	306	213	92	128	109	29	14	20	0	6	
Total	314594	1582	96763	216249	20-24	337	257	80	168	91	32	3	39	1	3	
					25-34	363	273	90	205	57	45	4	49	0	3	
					35-44	174	128	46	112	17	26	0	17	0	2	
					45-54	142	92	50	85	17	26	4	7	1	2	
					55-64	128	80	48	77	18	28	0	3	0	2	
					65-74	77	48	29	37	21	16	0	3	0	0	
					75 & Over	85	50	35	36	19	30	0	0	0	0	
					Not Stated	5	4	1	0	2	3	0	0	0	0	
					Total	1774	1233	541	850	403	287	63	147	5	19	

LIGHT CONDITION	NUMBER OF ACCIDENTS				35-44	45-54	55-64	65-74	75 & Over	Not Stated									
	Total	Fatal	Injury	P.D.	174	192	128	48	50	5	1233	541	850	403	287	63	147	5	19
Daylight	182402	579	55178	126645	142	92	50	85	17	26	4	7	1	2	0	3	0	0	0
Dawn/Dusk	14240	69	3997	10180	128	80	48	77	18	28	0	3	0	3	0	0	0	0	0
Darkness/Lights	43481	300	13019	28162	77	48	29	37	21	16	0	0	0	0	0	0	0	0	0
Darkness/No Lights	73189	632	22342	50212	85	50	32	36	19	30	0	0	0	0	0	0	0	0	0
Not Stated	1276	2	224	1050	5	4	1	0	2	3	0	0	0	0	0	0	0	0	0
Total	314594	1582	96763	216249	Total	1774	1233	541	850	403	287	63	147	5	19				

CODE OF INJURY

A--INCAPACITATING INJURY--Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B--NON-INCAPACITATING INJURY--Any injury not incapacitating but evident to others at the scene.

C--POSSIBLE INJURY--No visible injury but complaint of pain or momentary unconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	Total	Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other
0-4	3752	1986	1766	0	3331	336	48	9	1	27
5-9	5046	2718	2328	0	3391	964	625	33	3	30
10-14	6026	3159	2867	78	3610	743	1360	187	6	42
15-19	27909	15556	12353	13941	10666	738	990	1378	22	174
20-24	26558	15563	10995	16662	7084	475	331	1814	9	183
25-34	31771	18235	13536	21745	6877	636	258	1989	12	254
35-44	15531	8175	7356	11252	3124	329	62	623	11	130
45-54	10999	5371	5628	7796	2593	230	37	253	2	88
55-64	8390	4019	4371	5735	2247	211	29	113	3	52
65-74	4492	1965	2527	2691	1523	196	21	36	1	24
75 & Over	2102	949	1153	1136	801	137	13	5	0	10
Not Stated	2396	1304	1092	1208	888	102	41	110	3	44
Total	144972	79000	65972	82244	46135	5097	3815	6550	73	1058

STATEWIDE

STATEWIDE

MUNICIPALITIES	TOTAL OCCUP.	NUMBER OF PERSONS										THIS YEAR TO DATE			
		KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		Total	On Roadway	Off Roadway	Total	On Roadway	Off Roadway	A	B	C	Not Injured	Killed	Injured	Killed	Injured
1. Townships	279630	1144	689	455	56276	35030	21246	11294	20340	24642	222210	689	35030	455	21246
2. Under 1,000	6147	6	3	3	840	599	241	159	295	386	5301	3	599	3	241
3. 1,000 - 2,500	16745	23	15	8	2096	1535	561	356	777	963	14626	15	1535	8	561
4. 2,500 - 5,000	24072	16	10	6	3302	2545	757	524	1184	1594	20754	10	2545	6	757
5. 5,000 - 10,000	29142	31	22	9	3915	3125	790	588	1410	1917	25196	22	3125	9	790
6. 10,000 - 25,000	60306	66	48	18	9233	7416	1817	1347	3036	4850	51007	48	7416	18	1817
7. 25,000 - 50,000	87013	91	64	27	13730	11577	2153	1632	4240	7858	73192	64	11577	27	2153
8. 50,000 - 100,000	98157	126	100	26	17150	14650	2500	1815	5213	10122	80881	100	14650	26	2500
9. 100,000 - 250,000	86395	109	78	31	13727	11568	2159	1392	4255	8080	72559	78	11568	31	2159
10. 250,000 or more	125101	162	121	41	24703	21036	3667	2341	6351	16011	100236	121	21036	41	3667
Totals	812708	1774	1150	624	144972	109081	35891	21448	47101	76423	665962	1150	109081	624	35891

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.
1. Townships	116294	1003	36778	78513	74304	591	20819	52874	41990	412	15939	25639	116294	1003	36778	78513
2. Under 1,000	2493	6	591	1896	1541	3	398	1140	952	3	193	756	2493	6	591	1896
3. 1,000 - 2,500	6522	19	1501	5002	4352	13	1074	3265	2170	6	427	1737	6522	19	1501	5002
4. 2,500 - 5,000	9105	13	2323	6769	6491	8	1725	4758	2614	5	598	2011	9105	13	2323	6769
5. 5,000 - 10,000	11029	29	2728	8272	7790	20	2103	5667	3239	9	625	2605	11029	29	2728	8272
6. 10,000 - 25,000	22819	61	6381	16377	16596	44	4970	11582	6223	17	1411	4795	22819	61	6381	16377
7. 25,000 - 50,000	32188	85	9335	22768	24356	58	7651	16647	7832	27	1684	6121	32188	85	9335	22768
8. 50,000 - 100,000	35282	117	11557	23608	27228	93	9555	18080	7554	24	2002	5528	35282	117	11557	23608
9. 100,000 - 250,000	31996	96	9389	22511	24333	70	7671	16592	7663	26	1718	5919	31996	96	9389	22511
10. 250,000 or more	46866	153	16180	30533	34864	116	13387	21361	12002	37	2793	9172	46866	153	16180	30533
Totals	314594	1582	96763	216249	222355	1016	69273	151966	92239	566	27390	64283	314594	1582	96763	216249

CLASS OF TRAFFICWAY	TOTAL OCCUP.	NUMBER OF PERSONS										THIS YEAR TO DATE			
		KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		Total	On Roadway	Off Roadway	Total	On Roadway	Off Roadway	A	B	C	Not Injured	Killed	Injured	Killed	Injured
1. Interstate System	38191	137	73	64	7625	4967	2658	1196	2463	3966	30429	73	4967	64	2658
2. Other Full Control	8371	37	19	18	1678	1117	561	256	518	904	6656	19	1117	18	561
3. Other US Route	60498	152	111	41	10408	8569	1839	1623	3164	5621	49938	111	8569	41	1839
4. Other State M Routes	159639	380	315	65	27678	23371	4307	4207	8457	15014	131581	315	23371	65	4307
5. Other Major Arterial	28491	33	26	7	4409	3939	470	524	1308	2577	24049	26	3939	7	470
6. County Roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Local Streets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Trafficways	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Local Roads-N.K.	517518	1035	606	429	93174	67118	26056	13642	31191	48341	423309	606	67118	429	26056
Totals	812708	1774	1150	624	144972	109081	35891	21448	47101	76423	665962	1150	109081	624	35891

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY				Total	Fatal	Injury	P.D.
	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.				
1. Interstate System	15003	117	5158	9728	10074	61	3176	6837	4929	56	1982	2891	15003	117	5158	9728
2. Other Full Control	3348	35	1135	2178	2240	17	698	1525	1108	18	437	653	3348	35	1135	2178
3. Other US Route	21527	136	6565	14826	17363	101	5175	12087	4164	35	1390	2739	21527	136	6565	14826
4. Other State M Routes	56412	330	17573	38509	46696	268	14239	32189	9716	62	3334	6320	56412	330	17573	38509
5. Other Major Arterial	9605	31	2886	6688	8273	24	2511	5738	1332	7	375	950	9605	31	2886	6688
6. County Roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Local Streets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Trafficways	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Local Roads—N.K.	208599	933	63446	144320	137709	545	43574	93590	70990	388	19872	50730	208699	933	63446	144320
Totals	314594	1582	96763	216249	222355	1016	69373	151966	92239	566	27390	64283	314594	1582	96763	216249

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.
1. Car Going Straight	4006	1302	2704	247	43	204	3614	1208	2406	145	51	94
2. Car Turning Right	228	178	50	2	2	0	215	167	48	11	9	2
3. Car Turning Left	338	235	103	8	4	4	315	220	95	15	11	4
4. Car Backing	189	42	147	1	0	1	185	41	144	3	1	2
5. All Others	171	35	86	11	6	5	108	29	79	2	0	2
6. Not Stated	39	10	29	1	0	1	37	9	28	1	1	0
Totals	4921	1802	3119	270	55	215	4474	1674	2800	177	73	104

PEDESTRIAN ACTIONS BY AGE		PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
			Total	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 44	45 to 64	65 & Older	Not Stated
1a. Crossing at intersection or in crosswalk		42	1562	71	280	238	193	122	259	190	178	31
1b. Crossing not at intersection or in crosswalk		99	1938	220	579	336	214	110	227	113	114	25
2a. Walking in roadway--with traffic		46	292	0	4	40	90	52	67	23	12	4
2b. Walking in roadway--against traffic		3	45	0	1	8	14	7	8	4	3	0
3. Standing in roadway		45	310	7	11	21	66	46	102	34	14	9
4. Pushing or working on vehicle in roadway		8	129	0	1	3	24	25	58	14	2	2
5. Other working in roadway		0	21	0	0	1	1	6	9	4	0	0
6. Playing in roadway		0	77	5	42	20	6	1	2	0	0	1
7. Other in roadway		1	362	18	30	33	59	57	110	34	9	12
8. Not in roadway		42	609	24	34	57	93	75	189	74	44	19
9. Not Stated		1	39	2	4	5	7	6	5	5	3	2
Totals		287	5384	347	986	762	767	507	1036	495	379	105

STATEWIDE

TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal	Injury	P.D.
At Intersection	1. Entering at angle	47453	198	16855	30400
	2a. From same direction—Both Going Straight	8931	6	1897	7028
	2b. Same—one turn, one straight	10385	6	2092	8287
	2c. Same—one stopped	19288	9	6811	12468
	2d. Same—all others	1851	0	157	1694
	3a. From opposite direction—Both Going Straight	1938	19	791	1128
	3b. Same—one left turn, one straight	42971	33	5392	7546
	3c. Same—all others	565	2	126	37
	4. Not stated	4897	0	555	4342
	Totals	108279	273	34676	73330

TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal	Injury	P.D.
Not At Intersection	1. Going opposite direction—Both Moving	8871	270	3535	5066
	2. Going same direction—Both Moving	24523	53	6025	18445
	3a. One car parked	26358	19	3081	23258
	3b. One car stopped in traffic	18348	17	6565	11766
	4a. One car entering parked pos.	245	0	49	196
	4b. One car leaving parked pos.	1715	0	185	1530
	5a. One car enter. driveway access	12828	23	3919	8886
	5b. One car leaving d. way access	15594	6	3208	12380
	6. All others not stated	4031	7	956	3068
	Totals	112313	395	27523	84595

ALL OTHER ACCIDENTS		Total	Fatal	Injury	P.D.
At Inter	1. Other road veh., or RR train	2094	18	1726	350
	2. Fixed object	9757	39	3129	6589
	3. Other object or animal	396	0	49	347
	4. Overturning	1102	5	748	349
	5. Other noncollision	339	3	189	147
Not At Inter	6. Other road veh., or RR train	2579	71	2094	414
	7. Fixed Object	43823	390	16039	27394
	8. Other object or animal	19075	7	670	18398
	9. Overturning	8420	98	5016	3306
	10. Other noncollision	1293	13	429	851
	11. Not stated	3	0	1	2
	Totals	88881	644	30090	58147

STATEWIDE

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	Fatal	Injury	P.D.
1. No Violation	242205	1069	78647	162489
2. Speed Too Fast	37642	393	14710	22540
3. Speed Too Slow	248	1	94	153
4. Disregard Control/ROW	68120	432	26630	41058
5. Wrong Way	695	18	285	392
6. Left Center/Improper Pass/Lane	36129	309	8368	27452
7. Improper Turn/Signal	17810	20	4556	13234
8. Improper Backing/Start	16633	3	1143	15487
9. Following/Unable To Stop	89578	228	31616	57734
10. Other/Not Known	18763	245	6246	12272
11.				
12.				
13.				
14.				
Totals	527823	2717	172295	352811

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	Fatal	Injury	P.D.
1. None	224114	910	72697	150507
2. DWI/Drugs	10288	559	4253	5476
3. Reckless/Careless	10692	217	5817	4658
4. Inattention/III/Etc.	6186	26	2651	3509
5. Violation License Restriction	94	1	35	58
6. Obscured Vision	6212	50	2109	4053
7. Defective Equipment	5279	28	1875	3376
8. Lost Control/Load/Wind	218	1	71	146
9. Skidding	19776	144	6166	13466
10. Other/Not Known	244964	781	76621	167562
11.				
12.				
13.				
14.				
Totals	527823	2717	172295	352811

*Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	Total	Fatal	Injury	P.D.
1. Head on	9060	282	3842	4936
2. Rear end	24638	34	6463	18121
3. Sideswipe-meeting	1026	4	256	766
4. Sideswipe-passing	5110	1	727	4582
5. Angle	33641	190	13809	19651
6. Backed into	4500	1	351	4148
7. All others	142308	126	36731	103641
8. Not stated	109	0	29	80
Totals	220792	668	62199	157925

TYPE OF VEHICLE	Total	Fatal	Injury	P.D.
1. Passenger car	403242	1616	130507	271119
2. Passenger car and trailer	1425	8	411	1006
3. Truck or truck tractor	71015	382	19276	51354
4. Truck tractor and semi-trailer	4894	79	1316	3499
5. Other truck combination	2041	16	462	1563
6. Farm tractor and/or farm equip.	334	6	125	203
7. Bus	1477	12	439	1026
8. School Bus	1548	2	332	1214
9. Motorcycle/Motor scooter	6971	151	5845	975
10. Other not stated	25687	71	4777	20839
Totals	518614	2346	163490	352798

DRINKING CONDITION DRIVERS	Total*	Fatal	Injury	P.D.
1. Had been drinking	56459	938	25430	30091
2. Not known if drinking	20699	103	10752	39844
3. Had not been drinking	410671	1304	127235	282132
Totals	517829	2345	163417	352067

DRINKING IN ACCIDENT	Total	Fatal	Injury	P.D.
1. Had been drinking	54146	900	24331	28917
2. Not known if drinking	22345	27	3214	19104
3. Had not been drinking	238103	652	69218	168228
Totals	314594	1582	96763	216249

DRINKING CONDITION PEDESTRIAN	Total	Fatal	Injury	P.D.
1. Had been drinking	267	115	150	2
2. Not known if drinking	4621	31	4412	178
3. Had not been drinking	716	161	542	13
Totals	5604	307	2104	193

AGE OF DRIVER	Total	Fatal	Injury	P.D.
1. 15 and Younger	1461	23	660	778
2. 16	16038	49	5030	10959
3. 17	21911	91	6766	15054
4. 18 to 19	47525	213	15033	32279
5. 20 to 24	93146	537	31145	61464
6. 25 to 34	119333	584	40397	78352
7. 35 to 44	63344	295	21040	42009
8. 45 to 54	46115	198	14966	30951
9. 55 to 64	35251	164	11227	23860
10. 65 to 74	17517	71	5458	11988
11. 75 and older	2675	52	2352	5271
12. Not stated*	48513	68	9343	39102
Totals	517829	2345	163417	352067
H & R Drivers (Not Apprehended)	0	0	0	0

SEX OF DRIVER	Total	Fatal	Injury	P.D.
1. Male	356437	1887	109052	245498
2. Female	161392	458	54365	106569
Totals	517829	2345	163417	352067

RESIDENCE OF DRIVER	Total	Fatal	Injury	P.D.
1. Local resident	387390	1600	126192	259598
2. Residing elsewhere	86714	589	27980	58145
3. Non resident	8196	60	2538	5598
4. Not stated	35529	96	6707	28726
Totals	517829	2345	163417	352067
Driverless Moving	805	1	73	730

MILEAGE RATES	This Year To Date	Last Year Same Period	Percent Change
1. Motor vehicle traffic deaths	1774	1849	-4.1 %
2. Estimated motor veh. mileage traveled (billions)	61.2	64.9	-5.7 %
3. Death rate per 100-million-vehicle-miles	2.9	2.9	-- %
4. Fatal accident rate per 100-million-vehicle-miles	2.6	2.6	-- %

*Includes Hit & Run Drivers

Motor Vehicle Traffic Accidents in Michigan

PERIOD YEAR - 1980

Compiled by the Michigan State Police

SUMMARY OF ALL
REPORTED ACCIDENTS

COLONEL GERALD L. HOUGH, DIRECTOR

Summary Includes
Information Available

U R B A N

TOTAL ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overturned	1550	9	1049	492	2263	11	1308	944	299	592	417	1550	11	1308
2. Other Non-collision	572	6	249	317	1167	6	292	869	71	118	103	572	6	292
3. Pedestrian	3841	139	3524	148	9619	143	3793	5683	1191	1439	1163	3841	143	3793
4. M.V. In Transport	132480	229	39877	92374	422418	260	64120	358038	54011	6020	42699	132480	260	64120
5. M.V. - Other Roadway	68	5	38	25	249	5	83	161	18	27	38	68	5	83
6. Parked M.V.	26299	7	2990	23302	34952	7	3700	31245	417	1659	1624	26299	7	3700
7. Railroad Train	220	11	72	137	341	11	108	222	34	40	34	220	11	108
8. Pedalcyclist	3166	24	2704	438	7748	24	2834	4890	493	1305	1036	3166	24	2834
9. Animal	451	0	32	419	732	0	39	694	2	19	18	451	0	39
10. Fixed Object	20347	124	7268	12955	30208	134	9411	20663	1702	4443	3266	20347	134	9411
11. Other Object	291	0	60	231	488	0	72	416	11	27	34	291	0	72
Totals	189285	554	57893	130838	510186	601	85760	423825	96392	56859	50432	189285	601	85760

ON ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overturned	969	3	504	162	918	3	603	312	132	322	149	969	3	603
2. Other Non-collision	485	5	225	255	1035	5	262	768	64	105	93	485	5	262
3. Pedestrian	3700	131	3424	145	9265	134	3634	5497	1139	1377	1118	3700	134	3634
4. M.V. In Transport	132274	227	39828	92219	421802	258	64047	357497	53991	6001	42647	132274	258	64047
5. M.V. - Other Roadway	67	5	37	25	244	5	79	160	17	26	36	67	5	79
6. Parked M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Railroad Train	217	11	71	135	339	11	107	221	34	39	34	217	11	107
8. Pedalcyclist	3054	22	2613	419	7500	22	2740	4738	474	1262	1004	3054	22	2740
9. Animal	443	0	30	413	723	0	37	686	2	18	17	443	0	37
10. Fixed Object	991	5	279	707	1502	5	348	1149	68	150	130	991	5	348
11. Other Object	258	0	51	207	438	0	60	378	11	20	29	258	0	60
Totals	142158	409	47062	94687	443766	443	71917	371406	73401	9320	45257	142158	443	71917

OFF ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overtaken	881	6	545	330	1345	8	705	632	167	270	268	881	8	705
2. Other Non-Collision	87	1	24	62	132	1	30	101	7	13	10	87	1	30
3. Pedestrian	141	8	130	3	354	9	159	186	52	62	45	141	9	159
4. M.V. in Transport	206	2	49	155	616	2	73	541	2	19	52	206	2	73
5. M.V. - Other Roadway	1	0	1	0	5	0	4	1	1	1	2	1	0	4
6. Parked Motor Vehicle	26299	7	2990	23302	34952	7	3700	31245	417	1659	1624	26299	7	3700
7. Railroad Train	3	0	1	2	2	0	1	1	0	1	0	3	0	1
8. Pedalcyclist	112	2	91	19	248	2	94	152	19	43	32	112	2	94
9. Animal	8	0	2	6	10	0	2	8	0	1	1	8	0	2
10. Fixed Object	19356	119	6989	12248	28706	129	9063	19514	1634	4293	3136	19356	129	9063
11. Other Object	33	0	9	24	50	0	12	38	0	7	5	33	0	12
Totals	47127	145	10831	36151	66420	158	13843	52419	2299	6369	5175	47127	158	13843

ROAD SURFACE	NUMBER OF ACCIDENTS				AGE	NUMBER OF PERSONS KILLED									
	Total	Fatal	Injury	P.D.		Total	Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other
Dry	123870	417	39374	84079	0-4	12	9	3	0	2	7	3	0	0	0
Wet	40248	101	12852	27295	5-9	17	12	5	0	1	14	2	0	0	0
Snowy/Icy	23747	30	5301	18416	10-14	23	18	5	1	4	7	8	0	0	0
Other	1420	6	366	1048	15-19	78	57	21	34	25	10	5	4	0	0
Total	169285	554	57893	130838	20-24	108	78	30	50	21	16	2	19	0	0
					25-34	126	93	33	62	24	21	3	16	0	0
					35-44	59	46	13	37	6	12	0	3	0	1
					45-54	54	35	19	30	4	17	1	2	0	0
					55-64	51	33	18	35	2	14	0	0	0	0
					65-74	34	23	11	11	9	14	0	0	0	0
					75 & Over	34	18	16	13	5	16	0	0	0	0
					Not Stated	5	4	1	0	2	3	0	0	0	0
					Total	601	426	175	273	105	151	24	47	0	1

LIGHT CONDITION	NUMBER OF ACCIDENTS				AGE	NUMBER OF PERSONS INJURED									
	Total	Fatal	Injury	P.D.		Total	Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other
Daylight	119239	203	34846	84190	0-4	2334	1235	1099	0	1987	286	37	5	0	19
Dawn/Dusk	6711	22	1996	4693	5-9	3329	1792	1537	0	2068	791	440	11	0	19
Darkness/Lights	17672	239	12939	24494	10-14	3576	1854	1722	32	1960	567	931	69	0	17
Darkness/No Lights	24748	82	7954	16705	15-19	14103	7527	6576	6882	5196	487	749	699	0	90
Not Stated	915	1	158	756	20-24	15114	8409	6905	9596	4056	366	273	921	1	101
Total	189285	554	57893	130838	25-34	19406	10678	8728	13171	4383	495	225	986	0	146
					35-44	9358	4791	4567	6776	1912	260	46	291	0	73
					45-54	7105	3351	3754	5019	1708	195	27	98	0	58
					55-64	5436	2572	2864	3776	1375	186	18	51	0	30
					65-74	2815	1231	1584	1706	903	160	16	14	0	16
					75 & Over	1333	606	727	599	494	116	12	4	0	8
					Not Stated	1651	865	786	831	616	85	37	48	0	34
					Total	85760	44911	40849	48488	26658	3994	2811	3197	1	611

CODE OF INJURY

A- INCAPACITATING INJURY-Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B- NON- INCAPACITATING INJURY-Any injury not incapacitating but evident to others at the scene.

C- POSSIBLE INJURY-No visible injury but complaint of pain or momentary unconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	Total	Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other
0-4	2334	1235	1099	0	1987	286	37	5	0	19
5-9	3329	1792	1537	0	2068	791	440	11	0	19
10-14	3576	1854	1722	32	1960	567	931	69	0	17
15-19	14103	7527	6576	6882	5196	487	749	699	0	90
20-24	15114	8409	6905	9596	4056	366	273	921	1	101
25-34	19406	10678	8728	13171	4383	495	225	986	0	146
35-44	9358	4791	4567	6776	1912	260	46	291	0	73
45-54	7105	3351	3754	5019	1708	195	27	98	0	58
55-64	5436	2572	2864	3776	1375	186	18	51	0	30
65-74	2815	1231	1584	1706	903	160	16	14	0	16
75 & Over	1333	606	727	599	494	116	12	4	0	8
Not Stated	1651	865	786	831	616	85	37	48	0	34
Total	85760	44911	40849	48488	26658	3994	2811	3197	1	611

URBAN

MUNICIPALITIES	TOTAL OCCUP.	NUMBER OF PERSONS										THIS YEAR TO DATE			
		KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		Total	On Roadway	Off Roadway	Total	On Roadway	Off Roadway	A	B	C	Not Injured	Killed	Injured	Killed	Injured
1. Townships	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Under 1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. 1,000 - 2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. 2,500 - 5,000	24072	16	10	6	3302	2545	757	524	1184	1594	20754	10	2545	6	757
5. 5,000 - 10,000	29142	31	22	9	3915	3125	790	588	1410	1917	25196	22	3125	9	790
6. 10,000 - 25,000	60306	66	48	18	9233	7416	1817	1347	3036	4850	51007	48	7416	18	1817
7. 25,000 - 50,000	87013	91	64	27	13730	11577	2153	1932	4240	7858	73192	64	11577	27	2153
8. 50,000 - 100,000	98157	126	100	26	17150	14650	2500	1815	5213	10122	80881	100	14650	26	2500
9. 100,000 - 250,000	86395	109	78	31	13727	11568	2159	1392	4255	8080	72559	78	11568	31	2159
10. 250,000 or more	125101	162	121	41	24703	21036	3667	2341	6351	16011	100236	121	21036	41	3667
Totals	510186	601	443	158	85760	71917	13843	9639	25689	50432	423825	443	71917	158	13843

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.
1. Townships	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Under 1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3. 1,000 - 2,500	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4. 2,500 - 5,000	9105	13	2323	6769	6491	8	1725	4758	2614	5	598	2011	9105	13	2323	6769
5. 5,000 - 10,000	11029	29	2728	8272	7790	20	2103	5667	3239	9	625	2605	11029	29	2728	8272
6. 10,000 - 25,000	22819	61	6381	16377	16596	44	4970	11582	6223	17	1411	4795	22819	61	6381	16377
7. 25,000 - 50,000	32188	85	9335	22768	24356	58	7651	16647	7832	27	1684	6121	32188	85	9335	22768
8. 50,000 - 100,000	35282	117	11557	23608	27728	93	9555	18080	7554	24	2002	5528	35282	117	11557	23608
9. 100,000 - 250,000	31996	96	9389	22511	24333	70	7671	16592	7563	26	1718	5919	31996	96	9389	22511
10. 250,000 or more	46866	153	16180	30533	34864	116	13387	21361	12002	37	2793	9172	46866	153	16180	30533
Totals	189285	524	57893	130838	142158	409	47062	94687	47127	145	10831	36151	189285	524	57893	130838

CLASS OF TRAFFICWAY	TOTAL OCCUP.	NUMBER OF PERSONS										THIS YEAR TO DATE			
		KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		Total	On Roadway	Off Roadway	Total	On Roadway	Off Roadway	A	B	C	Not Injured	Killed	Injured	Killed	Injured
1. Interstate System	22483	45	22	23	4674	3391	1283	621	1428	2625	17764	22	3391	23	1283
2. Other Full Control	5572	11	7	4	1152	854	298	148	330	674	4409	7	854	4	298
3. Other US Route	30355	35	26	9	4912	4399	513	545	1299	3068	25408	26	4399	9	513
4. Other State M Routes	90647	105	84	21	14996	13552	1444	1635	4290	9071	75546	84	13552	21	1444
5. Other Major Arterial	23911	25	19	6	3556	3209	347	380	1033	2143	20330	19	3209	6	347
6. County Roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Local Streets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Trafficways	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Local Roads-N.H.	337218	380	285	95	56470	46312	9958	6310	17309	32851	280368	285	46312	95	9958
Totals	510186	601	443	158	85760	71917	13843	9639	25689	50432	423825	443	71917	158	13843

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.
1. Interstate System	8409	40	3214	5155	6227	21	2224	3982	2182	19	990	1173	8409	40	3214	5155
2. Other Full Control	2088	11	779	1298	1516	7	548	961	572	4	231	337	2088	11	779	1298
3. Other US Route	10187	34	3167	6986	8824	26	2782	6016	1363	8	385	970	10187	34	3167	6986
4. Other State M Routes	30341	96	9791	20454	26617	76	8663	17878	3724	20	1128	2576	30341	96	9791	20454
5. Other Major Arterial	8017	23	2351	3643	6949	17	2070	4862	1068	6	281	781	8017	23	2351	3643
6. County Roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Local Streets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Trafficways	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Local Roads--N.K.	130243	350	38591	91302	92025	262	30775	60988	38218	88	7816	30314	130243	350	38591	91302
Totals	189285	554	57893	130838	142158	409	47062	94687	47127	145	10831	36151	189285	554	57893	130838

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.
1. Car Going Straight	3061	1161	1900	126	35	91	2808	1079	1729	127	47	80
2. Car Turning Right	210	162	48	2	2	0	201	154	47	7	6	1
3. Car Turning Left	292	208	84	4	3	1	277	196	81	11	9	2
4. Car Backing	163	37	126	0	0	0	161	36	125	2	1	1
5. All Others	84	26	58	6	4	2	78	22	56	0	0	0
6. Not Stated	31	9	22	1	0	1	29	8	21	1	1	0
Totals	3841	1603	2238	139	44	95	3554	1495	2059	148	64	84

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		Total	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 44	45 to 64	65 & Older	Not Stated
1a. Crossing at intersection or in crosswalk	36	1411	64	245	216	159	112	241	182	164	28
1b. Crossing not at intersection or in crosswalk	59	1508	178	468	250	148	89	179	94	79	23
2a. Walking in roadway--with traffic	15	127	0	2	12	30	30	33	15	5	0
2b. Walking in roadway--against traffic	0	20	0	0	4	4	5	2	3	2	0
3. Standing in roadway	18	202	5	7	12	42	28	68	24	9	7
4. Pushing or working on vehicle in roadway	5	81	0	1	2	14	16	39	9	0	0
5. Other working in roadway	0	13	0	0	1	1	4	5	2	0	0
6. Playing in roadway	0	63	5	34	17	3	1	2	0	0	1
7. Other in roadway	0	264	17	21	21	39	40	86	23	7	10
8. Not in roadway	18	430	22	23	36	53	54	130	56	38	18
9. Not Stated	0	26	2	4	3	4	3	3	4	2	1
Totals	151	4145	293	805	574	497	382	788	412	306	88

URBAN

TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal	Injury	P.D.
At Intersection	1. Entering at angle	35324	86	12357	22881
	2a. From same direction—Both Going	7371	4	1516	5851
	2b. Same—one turn, one straight	7432	1	1334	6097
	2c. Same—one stopped	15103	5	5388	9710
	2d. Same—all others	1366	0	131	1235
	3a. From opposite direction—Both Going	1350	10	541	799
	3b. Same—one left turn, one straight	9863	19	3997	5847
	3c. Same—all others	408	1	97	310
	4. Not stated	4374	0	505	3869
	Totals	82591	126	25866	56599

TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal	Injury	P.D.
Not At Intersection	1. Going opposite direction—Both Moving	3693	68	1416	2209
	2. Going same direction—Both Moving	16352	21	3851	12480
	3a. One car parked	21925	7	2485	19433
	3b. One car stopped in traffic	12904	9	4617	8278
	4a. One car entering parked pos.	180	0	31	149
	4b. One car leaving parked pos.	1617	0	136	1281
	5a. One car enter driveway access	7050	7	1977	5066
	5b. One car leaving d/way access	10165	1	1956	8208
	6. All others/not stated	2570	2	570	1998
	Totals	76256	115	17039	59102

ALL OTHER ACCIDENTS		Total	Fatal	Injury	P.D.
At Inter.	1. Other road veh., or RR train	1753	10	1448	295
	2. Fixed object	5496	18	1748	3720
	3. Other object or animal	95	0	23	72
	4. Overturning	371	0	292	79
	5. Other noncollision	188	3	114	71
Not At Inter.	6. Other road veh., or RR train	1633	25	1328	280
	7. Fixed Object	14851	106	5520	9225
	8. Other object or animal	647	0	69	578
	9. Overturning	1179	9	757	413
	10. Other noncollision	382	3	134	245
	11. Not stated	2	0	1	1
	Totals	26397	174	11434	14989

URBAN

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	Fatal	Injury	P.D.
1. No Violation	155389	439	53526	101424
2. Speed Too Fast	14136	105	5164	8867
3. Speed Too Slow	131	0	44	87
4. Disregard Control/ROW	49493	211	19181	30101
5. Wrong Way	563	6	235	322
6. Left Center/Improper Pass/Lane	24949	97	5007	19845
7. Improper Turn/Signal	12759	10	3070	9679
8. Improper Backing/Start	12691	1	854	11836
9. Following/Unable To Stop	56644	71	19343	37230
10. Other/Not Known	12802	94	4137	8571
11.				
12.				
13.				
14.				
Totals	339557	1034	110561	227962

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	Fatal	Injury	P.D.
1. None	143715	371	49708	93636
2. DUI/D/Drugs	5209	206	2325	3178
3. Reckless/Careless	5767	110	3144	2513
4. Inattention/III/Etc.	3196	7	1256	1933
5. Violation License Restriction	55	0	19	36
6. Obscured Vision	3413	17	1107	2289
7. Defective Equipment	2660	13	949	1698
8. Lost Control/Load/Wind	56	0	23	33
9. Skidding	10043	29	2909	7105
10. Other/Not Known	164943	281	49121	115541
11.				
12.				
13.				
14.				
Totals	339557	1034	110561	227962

*Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	Total	Fatal	Injury	P.D.
1. Head on	4086	75	1712	2299
2. Rear end	17304	22	4388	12894
3. Sideswipe-meeting	512	2	124	386
4. Sideswipe-passing	4154	1	555	3598
5. Angle	25858	81	10278	15499
6. Backed into	3049	0	234	2815
7. All others	103812	60	25596	78156
8. Not stated	72	0	18	54
Totals	158847	241	42905	115701

TYPE OF VEHICLE	Total	Fatal	Injury	P.D.
1. Passenger car	265002	609	86035	178358
2. Passenger car and trailer	716	1	200	515
3. Truck or truck tractor	38009	118	9730	28161
4. Truck tractor and semi-trailer	2436	26	590	1820
5. Other truck combination	931	2	206	723
6. Farm tractor and/or farm equip.	40	0	7	33
7. Bus	1343	10	397	936
8. School Bus	935	1	196	738
9. Motorcycle/Motor scooter	3556	49	2902	605
10. Other not stated	19588	33	3574	15981
Totals	332556	849	103837	227870

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	Total	Fatal	Injury	P.D.
1. Had been drinking	30029	304	13130	16595
2. Not known if drinking	41304	60	8736	32508
3. Had not been drinking	260662	485	81920	178257
Totals	331995	849	103786	227360

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	Total	Fatal	Injury	P.D.
1. Had been drinking	28762	309	12566	15887
2. Not known if drinking	18098	12	2535	15551
3. Had not been drinking	142425	233	42792	99440
Totals	189285	554	57893	130838

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	Total	Fatal	Injury	P.D.
1. Had been drinking	180	60	119	1
2. Not known if drinking	3580	18	3414	148
3. Had not been drinking	565	82	472	11
Totals	4325	160	4005	160

AGE OF DRIVER	NUMBER OF DRIVERS			
	Total	Fatal	Injury	P.D.
1. 15 and Younger	720	3	279	438
2. 16	8601	18	2547	6036
3. 17	12161	23	3666	8472
4. 18 to 19	27924	72	8555	19297
5. 20 to 24	57964	192	19284	38488
6. 25 to 34	75595	206	25806	49583
7. 35 to 44	39117	103	13274	25740
8. 45 to 54	30030	77	9988	19965
9. 55 to 64	23877	69	7703	16105
10. 65 to 74	11767	23	3599	8145
11. 75 and older	5138	19	1516	3603
12. Not stated*	39101	44	7569	31488
Totals	331995	849	103786	227360
H & R Drivers (Not Apprehended)	0	0	0	0

SEX OF DRIVER	Total	Fatal	Injury	P.D.
1. Male	226184	682	68277	157225
2. Female	105811	167	35509	70135
Totals	331995	849	103786	227360

RESIDENCE OF DRIVER	Total	Fatal	Injury	P.D.
1. Local resident	256449	644	83237	172568
2. Residing elsewhere	44494	146	14459	29889
3. Non-resident	3682	7	1044	2631
4. Not stated	27370	52	5046	22272
Totals	331995	849	103786	227360
Driverless Moving	561	0	51	510

MILEAGE RATES	This Year To Date	Last Year Same Period	Percent Change
1. Motor vehicle traffic deaths			%
2. Estimated motor veh. mileage traveled (billions)			%
3. Death rate per 100-million-vehicle-miles			%
4. Fatal accident rate per 100-million-vehicle-miles			%

*Includes Hit & Run Drivers

Motor Vehicle Traffic Accidents in Michigan

PERIOD YEAR - 1980

Compiled by the Michigan State Police

SUMMARY OF ALL
REPORTED ACCIDENTS

COLONEL GERALD L. HOUGH, DIRECTOR

Summary Includes
Information Available

R U R A L

TOTAL ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overturned	7972	94	4713	3163	12863	97	6536	6230	1554	2727	2255	7972	97	6536
2. Other Non-collision	1063	10	370	683	2026	10	425	1591	112	195	118	1063	10	425
3. Pedestrian	1080	131	920	29	2918	132	1013	173	434	360	219	1080	132	1013
4. M.V. In Transport	56932	413	18616	37903	191816	510	32886	158420	5556	10210	17120	56932	510	32886
5. M.V. - Other Roadway	57	2	32	23	201	3	71	127	29	17	25	57	3	71
6. Parked M.V.	4956	12	646	4298	7068	13	860	6195	178	363	319	4956	13	860
7. Railroad Train	172	16	71	85	226	16	97	113	32	39	26	172	16	97
8. Pedalcyclist	1115	38	973	104	2889	39	1054	1796	273	528	253	1115	39	1054
9. Animal	16213	3	515	17697	30944	4	605	30335	74	244	287	16213	4	605
10. Fixed Object	33233	305	11900	21028	50682	345	15538	34799	3549	6669	5320	33233	345	15538
11. Other Object	514	4	112	398	889	4	127	758	18	60	49	514	4	127
Totals	125309	1028	38870	85411	302522	1173	59212	242137	11809	21412	25991	125309	1173	59212

ON ROADWAY ACCIDENTS	NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
	Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
									A	B	C			
1. Overturned	1140	13	800	327	1747	13	1031	703	293	446	292	1140	13	1031
2. Other Non-collision	791	8	300	483	1624	8	337	1279	101	157	79	791	8	337
3. Pedestrian	999	113	858	28	2705	113	931	1661	401	332	198	999	113	931
4. M.V. In Transport	56718	410	18548	37760	191129	507	32768	157854	5535	10176	17057	56718	507	32768
5. M.V. - Other Roadway	57	2	32	23	201	3	71	127	29	17	25	57	3	71
6. Parked M.V.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Railroad Train	171	16	71	84	225	16	97	112	32	39	26	171	16	97
8. Pedalcyclist	1082	35	943	104	2809	36	1021	1752	263	510	248	1082	36	1021
9. Animal	18147	3	512	17632	30825	4	602	30219	74	242	286	18147	4	602
10. Fixed Object	642	5	155	482	1009	5	203	801	44	83	76	642	5	203
11. Other Object	450	2	92	356	796	2	103	691	16	48	39	450	2	103
Totals	80197	607	22311	57279	233070	707	37164	195199	6788	12050	18326	80197	707	37164

OFF ROADWAY ACCIDENTS		NUMBER OF ACCIDENTS				NUMBER OF PERSONS							THIS YEAR TO DATE		
		Total	Fatal	Injury	P.D.	Total Occupants	Killed	Injured	Not Injured	Injured			Accidents	Killed	Injured
										A	B	C			
Collision with:	1. Overturned	6832	81	3915	2836	11116	84	5505	5527	1261	2281	1963	6832	84	5505
	2. Other Non-Collision	272	2	70	200	402	2	88	312	11	38	39	272	2	88
	3. Pedestrian	61	18	62	1	213	19	82	112	33	28	21	81	19	82
	4. M.V. In Transport	214	3	68	143	687	3	118	566	21	34	63	214	3	118
	5. M.V. - Other Roadway	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6. Parked Motor Vehicle	4956	12	646	4298	7068	13	860	6195	178	363	319	4956	13	860
	7. Railroad Train	1	0	0	1	1	0	0	1	0	0	0	1	0	0
	8. Pedalcyclist	33	3	30	0	80	3	33	44	10	18	5	33	3	33
	9. Animal	68	0	3	65	119	0	3	116	0	2	1	68	0	3
	10. Fixed Object	32591	300	11745	20546	49673	340	15335	33998	3505	6586	5244	32591	340	15335
	11. Other Object	64	2	20	42	93	2	24	67	2	12	10	64	2	24
Totals		45112	421	16559	28132	99452	466	22048	46938	5021	9362	7665	45112	466	22048

ROAD SURFACE	NUMBER OF ACCIDENTS				AGE	NUMBER OF PERSONS KILLED									
	Total	Fatal	Injury	P.D.		Total	Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other
Dry	77261	758	24673	51830	0-4	29	12	17	0	24	4	1	0	0	0
Wet	21485	146	6898	14441	5-9	35	16	19	0	11	8	12	2	2	0
Snowy/Icy	25061	115	6755	18191	10-14	41	21	20	1	10	12	12	4	1	1
Other	1502	9	544	949	15-19	228	156	72	94	84	19	9	16	0	6
Total	125309	1028	38870	85411	20-24	229	179	50	118	70	16	1	20	1	3
					25-34	237	180	57	143	33	24	1	33	0	3
					35-44	115	82	33	75	11	14	0	14	0	1
					45-54	88	57	31	55	13	9	3	5	1	2
					55-64	77	47	30	42	16	14	0	3	0	2
					65-74	43	25	18	26	12	2	0	3	0	0
					75 & Over	51	32	19	23	14	14	0	0	0	0
					Not Stated	0	0	0	0	0	0	0	0	0	0
					Total	1173	807	366	577	298	136	39	100	5	18

LIGHT CONDITION	NUMBER OF ACCIDENTS			
	Total	Fatal	Injury	P.D.
Daylight	63163	376	20332	42455
Dawn/Dusk	7535	47	2001	5487
Darkness/Lights	5809	61	2080	3668
Darkness/No Lights	48441	543	14391	33507
Not Stated	361	1	66	294
Total	125309	1028	38870	85411

CODE OF INJURY

A-INCAPACITATING INJURY-Any injury other than fatal which prevents normal activities and generally requires hospitalization.

B-NON-INCAPACITATING INJURY-Any injury not incapacitating but evident to others at the scene.

C-POSSIBLE INJURY-No visible injury but complaint of pain or momentary unconsciousness.

AGE	NUMBER OF PERSONS INJURED									
	Total	Male	Female	Driver	Pass.	Ped.	Pedal/cycle	M/cycle	Farm	Other
0-4	1418	751	667	0	1344	50	11	4	1	8
5-9	1717	926	791	0	1323	173	185	22	3	11
10-14	2450	1305	1145	46	1650	176	429	118	6	25
15-19	13806	8029	5777	7059	5470	251	241	679	22	84
20-24	11244	7154	4090	7066	3028	109	58	893	8	82
25-34	12365	7557	4808	8574	2494	141	33	1003	12	108
35-44	6173	3384	2789	4476	1212	69	16	332	11	57
45-54	3894	2020	1874	2777	885	35	10	155	2	30
55-64	2954	1447	1507	1959	872	25	11	62	3	22
65-74	1677	734	943	985	620	36	5	22	1	8
75 & Over	769	343	426	437	307	21	1	1	0	2
Not Stated	745	439	306	377	272	17	4	62	3	10
Total	59212	34089	25123	33756	19477	1103	1004	3353	72	447

RURAL

MUNICIPALITIES	TOTAL OCCUP.	NUMBER OF PERSONS										THIS YEAR TO DATE			
		KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		Total	On Roadway	Off Roadway	Total	On Roadway	Off Roadway	A	B	C	Not Injured	Killed	Injured	Killed	Injured
1. Townships	279630	1144	689	455	56276	35030	21246	11294	20340	24642	222210	689	35030	455	21246
2. Under 1,000	6147	6	3	3	840	599	241	159	295	286	5301	3	599	3	241
3. 1,000 - 2,500	16745	23	15	8	2096	1535	561	356	777	963	14626	15	1535	8	561
4. 2,500 - 5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. 5,000 - 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. 10,000 - 25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. 25,000 - 50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. 50,000 - 100,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. 100,000 - 250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. 250,000 or more	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	302522	1173	707	466	59212	37164	22048	11809	21412	25991	242137	707	37164	466	22048

RURAL

MUNICIPALITIES	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.
1. Townships	116294	1003	36778	78513	74304	591	20839	52874	41990	412	15939	25639	116294	1003	36778	78513
2. Under 1,000	2493	6	591	1896	1541	3	398	1140	952	3	193	756	2493	6	591	1896
3. 1,000 - 2,500	6522	19	1501	5002	4352	13	1074	3265	2170	6	427	1737	6522	19	1501	5002
4. 2,500 - 5,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. 5,000 - 10,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. 10,000 - 25,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. 25,000 - 50,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. 50,000 - 100,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. 100,000 - 250,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10. 250,000 or more	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	125309	1028	38870	85411	80197	607	22311	57279	45112	421	16559	28132	125309	1028	38870	85411

CLASS OF TRAFFICWAY	TOTAL OCCUP.	NUMBER OF PERSONS										THIS YEAR TO DATE			
		KILLED			INJURED			INJURY SEVERITY				ON ROADWAY		OFF ROADWAY	
		Total	On Roadway	Off Roadway	Total	On Roadway	Off Roadway	A	B	C	Not Injured	Killed	Injured	Killed	Injured
1. Interstate System	15708	92	51	41	2951	1576	1375	575	1035	1341	12665	51	1576	41	1375
2. Other Full Control	2799	26	12	14	526	263	263	108	188	230	2247	12	263	14	263
3. Other US Route	30143	117	85	32	5496	4170	1326	1078	1865	2553	24530	85	4170	32	1326
4. Other State M Routes	68992	275	231	44	12682	9819	2863	2572	4167	5943	56035	231	9819	44	2863
5. Other Major Arterial	4580	8	7	1	853	730	123	144	275	434	3719	7	730	1	123
6. County Roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Local Streets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Trafficways	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Local Roads-N.K.	180300	655	321	334	36704	20606	16098	7332	13882	15490	142941	321	20606	334	16098
Totals	302522	1173	707	466	59212	37164	22048	11809	21412	25991	242137	707	37164	466	22048

TRAFFIC ACCIDENT SUMMARY FOR CITIES 1980

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Adrian	903	1	214	688	1	303
Albion	238	1	61	176	1	99
Algonac	70	0	17	53	0	22
Allegan	217	0	55	162	0	93
Allen Park	1,179	4	372	803	4	539
Alma	272	0	65	207	0	95
Alpena	440	0	115	325	0	160
Ann Arbor	2,406	4	885	1,517	4	1,234
Armada	18	0	4	14	0	4
Bad Axe	161	0	31	130	0	39
Battle Creek	1,888	6	441	1,441	6	619
Bay City	1,493	4	339	1,150	4	460
Belding	148	1	31	116	1	40
Benton Harbor	643	0	160	483	0	219
Berkley	562	3	189	370	3	279
Bessemer	70	0	16	54	0	27
Beverly Hills	286	1	114	171	1	177
Big Rapids	549	2	107	440	2	147
Birmingham	865	0	229	636	0	310
Blissfield	85	0	20	65	0	26
Bloomfield Hills	235	1	67	167	1	85
Boyer City	118	0	27	91	0	41
Brighton	235	1	68	166	2	98
Buchanan	129	0	26	103	0	31
Burton	909	6	309	594	6	492
Cadillac	521	1	140	380	2	197
Caro	182	0	31	151	0	50
Center Line	361	1	135	245	1	182
Charlevoix	138	0	25	113	0	36
Charlotte	205	0	60	145	0	84
Cheboygan	129	1	51	77	1	71
Chelsea	110	0	23	87	0	34
Chesaning	87	1	26	60	1	37
Clare	134	0	27	107	0	33
Clawson	9	0	1	8	0	1
Clio	98	0	27	71	0	34
Coldwater	406	0	97	309	0	152
Corunna	81	0	22	59	0	32
Davison	130	0	53	77	0	81
Dearborn	4,171	16	1,327	2,828	19	1,923
Dearborn Heights	2,089	10	676	1,403	10	1,065
Detroit	46,866	153	16,180	30,533	162	24,703
Dowagiac	256	0	43	213	0	52
Durand	114	0	29	85	0	33
East Detroit	1,133	2	362	769	2	499
East Grand Rapids	201	2	29	170	2	36
East Jordan	50	0	12	38	0	17
East Lansing	1,151	3	341	807	3	472
Eaton Rapids	99	1	24	74	1	34
Ecorse	563	2	115	446	2	160
Escanaba	650	2	143	505	2	213
Essexville	101	0	27	74	0	32
Farmington	430	1	125	304	1	183
Farmington Hills	1,758	11	674	1,073	12	1,081
Fenton	311	4	96	211	4	136
Ferndale	413	1	215	197	1	301
Fiat Rock	196	1	60	135	1	101
Flint	6,410	20	1,773	4,617	24	2,700
Flushing	136	0	54	82	0	81
Frankenmuth	139	0	44	95	0	64

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Franklin	75	0	27	48	0	36
Fraser	568	2	167	399	2	233
Fremont	121	0	32	89	0	43
Garden City	1,052	0	340	712	0	514
Gaylord	171	0	36	135	0	49
Gibraltar	66	1	19	46	2	25
Gladstone	132	0	32	100	0	52
Grand Blanc	154	0	44	110	0	52
Grand Haven	558	2	120	436	2	180
Grand Ledge	147	0	35	112	0	42
Grand Rapids	7,866	19	1,909	5,938	19	2,585
Grandville	429	1	160	268	2	237
Grayling	115	0	26	89	0	38
Greenville	342	0	62	280	0	82
Grosse Pointe	96	0	28	68	0	32
Grosse Pointe Farms	209	1	71	137	1	87
Grosse Pointe Park	308	0	85	223	0	118
Grosse Pointe Shores	49	0	20	29	0	28
Grosse Pointe Woods	259	0	74	185	0	99
Hamtramck	756	2	211	543	2	300
Hancock	306	0	51	255	0	67
Harper Woods	243	0	109	134	0	163
Harrison	97	0	22	75	0	25
Hartford	73	0	12	61	0	15
Hastings	246	0	58	188	0	83
Hazel Park	1,171	4	413	754	4	623
Highland Park	962	4	398	560	4	603
Hillsdale	372	0	67	305	0	93
Holland	923	2	261	660	2	356
Holly	99	0	25	74	0	35
Houghton	278	1	43	234	1	59
Howell	311	0	77	234	0	108
Hudson	67	0	10	57	0	14
Hudsonville	84	0	26	58	0	31
Huntington Woods	169	0	51	118	0	71
Inkster	930	1	320	609	1	545
Ionia	331	0	64	267	0	81
Iron Mountain	259	1	67	191	1	97
Iron River	115	0	7	108	0	9
Ironwood	359	1	68	290	1	99
Ispeming	229	0	43	186	0	57
Ithaca	80	1	15	64	1	20
Jackson	2,315	1	557	1,757	1	728
Kalamazoo	4,434	7	1,043	3,384	7	1,431
Keego Harbor	122	0	37	85	0	56
Kentwood	1,022	1	281	740	1	405
Kingsford	128	0	28	100	0	31
Lake Orion	137	0	43	94	0	65
L'Anse	98	0	20	78	0	36
Lansing	5,175	10	1,347	3,818	11	1,925
Lapeer	434	2	107	325	2	156
Lathrup Village	259	0	101	158	0	148
Laurium	47	0	11	36	0	13
Lincoln Park	1,797	4	514	1,279	4	741
Linden	34	0	8	26	0	10
Livonia	3,278	12	1,147	2,119	14	1,735
Lowell	135	0	35	100	0	55
Ludington	358	1	77	280	1	104
Madison Heights	1,370	4	475	891	4	713
Manistee	384	0	86	298	0	125
Manistique	109	0	20	89	0	32

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Marine City	208	0	34	174	0	45
Marquette	1,016	3	247	766	4	334
Marshall	236	1	57	178	1	82
Marysville	155	2	60	93	2	104
Mason	198	2	34	162	2	43
Melvindale	453	0	148	305	0	209
Memphis	30	0	13	17	0	18
Menominee	416	0	102	314	0	130
M.S.U.	303	0	57	246	0	63
Midland	1,312	4	329	979	4	484
Milan	103	0	18	85	0	23
Milford	144	0	40	104	0	52
Monroe	625	1	230	394	1	311
Montrose	35	0	6	29	0	7
Mt. Clemens	799	0	211	588	0	308
Mt. Morris	97	0	28	69	0	36
Mt. Pleasant	643	0	135	508	0	194
Munising	106	0	20	86	0	23
Muskegon	1,989	4	555	1,430	5	827
Muskegon Heights	540	1	117	422	1	169
Negaunee	212	1	43	168	1	70
New Baltimore	213	0	80	133	0	133
New Buffalo	68	0	18	50	0	30
New Haven	46	0	10	36	0	23
Newberry	73	0	11	62	0	11
Niles	500	1	125	374	1	178
North Muskegon	121	0	44	77	0	59
Northville	164	2	52	110	3	84
Norton Shores	710	2	257	451	2	404
Norway	108	0	20	88	0	28
Novi	716	5	280	431	5	431
Oak Park	1,036	2	226	808	2	323
Otsego	107	0	20	87	0	26
Owosso	512	0	131	381	0	185
Oxford	87	0	27	60	0	36
Paw Paw	120	0	21	99	0	30
Petoskey	283	0	58	225	0	81
Plainwell	98	0	27	71	0	37
Pleasant Ridge	153	0	50	103	0	67
Plymouth	279	1	76	202	1	106
Pontiac	3,370	10	1,054	2,306	11	1,561
Port Huron	1,699	3	325	1,371	4	509
Portage	1,129	8	318	803	8	483
Portland	110	1	20	89	1	27
Richmond	94	0	25	69	0	44
River Rouge	238	0	62	176	0	71
Riverview	352	0	93	259	0	135
Rochester	319	0	51	268	0	68
Rockwood	54	0	12	42	0	15
Rogers City	85	0	15	70	0	20
Romeo	118	0	31	87	0	37
Romulus	1,104	15	422	667	17	650
Roosevelt Park	83	0	27	56	0	35
Roseville	2,067	7	661	1,399	7	918
Royal Oak	2,229	11	768	1,450	12	1,118
Saginaw	3,626	3	1,185	2,438	3	1,780
St. Clair	142	0	36	106	0	49
St. Clair Shores	797	6	528	263	6	773
St. Ignace	72	0	15	57	0	22
St. Johns	289	1	66	222	1	100

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
St. Joseph	432	1	78	353	1	90
St. Louis	22	0	12	10	0	16
Saline	147	0	50	97	0	76
Saulte Ste. Marie	602	1	106	495	1	155
South Haven	107	0	34	73	0	54
South Lyon	99	1	20	78	1	27
Southfield	3,246	8	1,108	2,130	8	1,730
Southgate	1,216	2	387	827	2	586
Sparta	100	0	19	81	0	23
Spring Lake	102	2	31	69	3	46
Springfield	223	2	63	158	2	98
Sterling Heights	2,484	12	793	1,679	14	1,195
Sturgis	403	0	78	325	0	115
Swartz Creek	108	0	35	73	0	61
Taylor	2,356	19	855	1,482	21	1,364
Tecumseh	258	1	52	205	1	71
Three Rivers	206	0	70	136	0	92
Traverse City	1,138	2	301	835	2	457
Trenton	441	2	168	271	2	268
Troy	2,376	9	820	1,547	10	1,225
Utica	400	0	104	296	0	150
Vassar	70	0	16	54	0	24
Wakefield	53	0	12	41	0	13
Walker	661	3	185	473	4	281
Walled Lake	214	0	69	145	0	103
Warren	5,096	19	1,886	3,191	22	2,859
Wayne	616	1	183	432	1	277
W.M.U.	103	0	12	91	0	12
Westland	1,615	6	708	901	9	1,129
Whitehall	108	0	23	85	0	43
Williamston	45	0	17	28	0	23
Wixom	177	0	60	117	0	88
Wolverine Lake	48	0	15	33	0	23
Woodhaven	283	1	101	181	2	150
Wyandotte	1,190	0	247	943	0	351
Wyoming	2,463	10	722	1,731	10	1,048
Ypsilanti	1,144	2	284	858	4	410
Zeeland	109	1	24	84	1	26
Avon Twp.	1,142	7	408	727	7	656
Battle Creek Twp.	749	2	196	551	4	291
Benton Twp.	932	4	222	706	5	348
Blackman Twp.	625	2	164	459	2	232
Bloomfield Twp.	1,252	6	409	837	6	620
Bridgeport Twp.	500	2	148	350	2	224
Buena Vista Twp.	523	3	196	324	3	310
Clay Twp.	200	3	66	131	3	98
Clinton Twp.	2,357	15	842	1,500	15	1,325
Davison Twp.	265	3	112	150	3	149
Deihi Twp.	437	2	141	294	2	201
Dewitt Twp.	291	3	75	213	3	108
Emmet Twp.	427	1	140	286	1	211
Flint Twp.	1,221	11	454	756	11	681
Genesee Twp.	579	6	222	351	6	335
Grand Blanc Twp.	441	4	171	268	5	255
Green Oak Twp.	215	2	72	141	2	97
Grosse Ile Twp.	139	2	42	95	2	55
Hampton Twp.	284	0	86	198	0	138
Huron Twp.	237	3	95	139	3	134
Kalamazoo Twp.	523	2	179	342	2	251
Leoni Twp.	506	4	175	327	6	246
Meridian Twp.	927	5	293	629	6	431
Montrose Twp.	43	0	11	32	0	25

TRAFFIC ACCIDENT SUMMARY FOR CITIES (Continued)

Cities	Total Accidents	Fatal Accidents	Personal Injury Accidents	Property Damage Accidents	Persons Killed	Persons Injured
Mt. Morris Twp.	865	3	316	546	4	510
Napoleon Twp.	165	0	63	102	0	82
Niles Twp.	429	6	132	291	6	191
Northville Twp.	234	0	90	144	0	135
Oakland Twp.	196	5	76	115	5	121
Pontiac Twp.	729	6	279	444	6	430
Redford Twp.	1,526	7	566	953	9	863
Richfield Twp.	154	4	70	80	4	118
Saginaw Twp.	1,327	3	391	933	3	612
St. Joseph Twp.	244	0	82	162	0	117
Shelby Twp.	975	9	338	628	9	496
Vienna Twp.	318	1	128	189	1	218
Waterford Twp.	2,579	7	920	1,652	10	1,489
West Bloomfield Twp.	1,005	2	286	717	2	416
White Lake Twp.	469	6	196	267	6	305
Wright Twp.	31	1	10	20	7	16
TOTALS	216,293	707	67,012	148,574	774	99,662

REPORTED STATEWIDE TRAFFIC ACCIDENTS BY COUNTY IN MICHIGAN

County	All	Fatal	Injury	Property Damage	Inter- state	Local Street	State Route	Persons Killed	Persons Injured
Alcona	304	1	87	216	0	185	119	1	123
Alger	336	2	94	240	0	163	173	3	149
Allegan	2,444	20	706	1,718	118	1,597	729	27	1,065
Alpena	984	9	257	718	0	555	429	13	395
Antrim	528	4	150	374	0	323	205	4	206
Arenac	696	5	200	491	61	325	310	5	312
Baraga	321	7	65	249	0	198	123	7	112
Barry	1,632	11	433	1,188	0	1,110	522	11	613
Bay	4,006	24	1,258	2,744	157	2,397	1,450	25	1,768
Benzie	420	6	120	294	0	217	203	7	195
Berrien	5,896	29	1,577	4,290	708	3,722	1,466	37	2,309
Branch	1,434	8	361	1,065	107	865	462	9	514
Calhoun	5,582	27	1,415	4,140	812	3,625	1,145	32	2,083
Cass	1,796	15	482	1,299	0	1,060	736	18	722
Charlevoix	705	2	184	519	0	395	310	3	263
Cheboygan	683	6	216	461	79	373	231	6	325
Chippewa	976	4	239	733	219	623	134	7	358
Clare	1,060	5	249	806	0	547	513	5	380
Clinton	1,791	14	483	1,294	154	1,140	487	16	748
Crawford	489	3	135	351	154	190	145	3	197
Delta	1,424	11	363	1,050	0	915	509	14	575
Dickinson	883	5	204	674	0	428	455	6	290
Eaton	2,555	15	770	1,770	299	1,260	996	19	1,117
Emmet	996	5	289	702	9	519	468	5	441
Genesee	13,508	77	4,398	9,033	838	9,265	3,405	83	6,717
Gladwin	656	3	171	482	0	370	286	3	261
Gogebic	686	5	153	528	0	404	282	5	225
Grand Traverse	2,574	14	790	1,770	0	1,654	910	16	1,210
Gratiot	1,280	8	353	919	0	733	547	8	518

REPORTED STATEWIDE TRAFFIC ACCIDENTS BY COUNTY IN MICHIGAN (Continued)

County	All	Fatal	Injury	Property Damage	Inter- state	Local Street	State Route	Persons Killed	Persons Injured
Hillsdale	1,484	7	356	1,121	0	946	538	14	541
Houghton	1,267	5	288	974	0	458	809	5	413
Huron	1,287	16	320	951	0	980	607	19	492
Ingham	10,029	27	2,712	7,290	1,124	5,886	3,019	31	3,874
Ionia	2,069	11	516	1,542	183	1,352	534	16	722
Iosco	1,071	6	255	810	0	588	503	7	398
Iron	520	2	105	413	0	269	251	2	158
Isabella	1,631	3	406	1,222	0	1,056	575	3	618
Jackson	5,809	25	1,635	4,149	904	3,913	992	28	2,286
Kalamazoo	8,583	42	2,216	6,325	814	6,236	1,533	44	3,129
Kalkaska	504	3	128	373	0	267	237	3	214
Kent	17,017	68	4,603	12,346	756	12,050	4,211	72	6,637
Keweenaw	63	1	20	42	0	19	44	1	30
Lake	400	5	104	291	0	253	147	5	152
Lapeer	2,145	25	628	1,492	0	1,351	794	26	943
Leelanau	444	9	124	311	0	223	221	9	167
Lenawee	3,068	17	821	2,230	0	1,745	1,323	19	1,254
Livingston	2,757	28	884	1,845	462	1,771	524	31	1,372
Luce	252	2	54	196	0	126	126	2	75
Macinac	436	3	122	311	43	173	220	3	178
Macomb	19,788	98	7,025	12,665	758	13,097	5,933	106	10,519
Manistee	911	3	226	682	0	536	375	3	312
Marquette	2,482	12	656	1,814	0	1,570	912	14	944
Mason	1,148	10	306	832	0	703	445	10	487
Mecosta	1,692	9	354	1,329	0	930	762	9	511
Menominee	1,161	2	226	933	0	683	478	2	317
Midland	2,375	11	680	1,684	0	1,754	621	11	1,022
Missaukee	379	5	82	292	0	201	178	5	113
Monroe	3,777	33	1,295	2,449	290	2,297	1,190	35	1,888
Montcalm	1,882	17	411	1,454	0	1,048	834	27	640
Montmorency	310	1	74	235	0	194	116	2	117
Muskegon	5,329	35	1,662	3,632	462	3,792	1,075	44	2,495
Newaygo	1,319	10	339	970	0	786	533	12	540
Oakland	33,898	142	11,533	22,203	2,339	24,268	7,291	153	17,457
Oceana	724	9	209	506	0	528	196	11	334
Ogemaw	749	6	186	557	138	423	188	7	272
Ontonagon	320	1	90	229	0	120	200	1	125
Osceola	846	5	170	671	0	447	399	5	246
Oscoda	394	2	93	299	0	205	189	2	135
Otsego	550	8	151	391	107	320	123	6	225
Ottawa	4,281	26	1,289	2,966	210	2,933	1,138	28	1,888
Presque Isle	475	2	107	366	0	240	235	2	153
Roscommon	712	11	170	531	47	325	340	12	258
Saginaw	8,611	40	2,808	5,763	411	5,481	2,719	45	4,330
St. Clair	4,487	25	1,257	3,205	161	2,656	1,670	30	1,977
St. Joseph	1,923	14	521	1,388	0	1,006	917	15	766
Sanilac	1,200	8	303	889	0	676	524	8	474
Schoolcraft	324	1	71	252	0	132	192	1	115
Shiawassee	1,941	11	579	1,351	126	1,180	635	11	864
Tuscola	1,654	13	496	1,145	0	999	655	21	805
Van Buren	1,980	14	592	1,374	257	1,269	454	15	886
Washtenaw	8,082	35	2,605	5,442	902	5,297	1,883	42	3,787
Wayne	80,283	308	27,367	52,608	6,156	57,336	16,791	333	41,603
Wexford	1,126	5	331	790	0	468	653	6	503
TOTALS	314,594	1,582	96,763	216,249	20,375	208,410	85,809	1,774	144,972

MOTOR VEHICLE TRAFFIC DEATHS BY COUNTY

County	1976	1977	1978	1979	1980	5 Year Total
POPULATION UNDER 10,000						
Alcona	0	9	7	4	1	21
Alger	4	6	4	6	3	23
Baraga	2	5	4	4	7	22
Benzie	7	7	2	5	7	28
Crawford	3	8	9	6	3	29
Kalkaska	8	1	4	3	3	19
Keweenaw	2	2	1	0	1	6
Lake	2	3	1	7	5	18
Luce	6	3	3	4	2	18
Mackinac	6	4	7	1	3	21
Missaukee	4	2	8	4	5	23
Montmorency	5	4	2	4	2	17
Oscoda	3	3	6	10	2	24
Roscommon	11	5	18	8	12	54
Schoolcraft	3	7	6	5	1	22
POPULATION 10,000-15,000						
Antrim	4	6	6	10	4	30
Arenac	18	7	10	8	5	48
Gladwin	5	6	2	3	3	18
Iron	2	5	3	1	2	14
Leelanau	3	6	4	2	9	24
Ogemaw	11	3	10	7	7	38
Ontonagon	7	8	9	5	1	30
Osceola	2	6	4	4	5	21
Otsego	11	7	3	2	8	31
Presque Isle	3	9	11	5	2	30
POPULATION 15,000-25,000						
Charlevoix	8	8	13	5	3	27
Cheboygan	12	9	9	4	6	40
Clare	2	12	13	10	5	42
Dickinson	5	8	3	7	6	29
Emmet	7	13	7	3	5	35
Gogebic	7	6	5	4	5	27
Iosco	8	12	8	12	7	47
Manistee	7	2	6	4	3	22
Mason	9	7	13	6	10	45
Menominee	5	14	9	4	2	34
Oceana	11	10	12	7	11	51
Wexford	13	10	7	12	6	48
POPULATION 25,000-50,000						
Alpena	6	5	9	10	13	43
Barry	18	16	14	12	11	71
Branch	11	14	11	12	9	57
Cass	15	18	24	20	18	95
Chippewa	3	5	5	11	7	31
Clinton	10	20	24	12	16	82
Delta	9	21	17	12	14	73
Grand Traverse	16	14	16	23	16	85
Gratiot	11	15	12	20	8	66
Hillsdale	11	7	12	12	14	56
Houghton	7	3	8	6	5	29
Huron	16	14	11	13	19	73
Ionia	15	16	12	22	16	81

MOTOR VEHICLE TRAFFIC DEATHS BY COUNTY (Continued)

County	1976	1977	1978	1979	1980	5 Year Total
POPULATION 25,000-50,000 (Continued)						
Isabella	14	15	11	7	3	50
Mecosta	5	11	8	11	9	44
Montcalm	17	23	18	12	27	97
Newaygo	3	11	21	9	12	56
St. Joseph	13	21	14	14	15	77
Sanilac	7	12	18	9	8	54
Tuscola	26	14	25	19	21	105
POPULATION 50,000-100,000						
Allegan	16	32	20	27	27	122
Eaton	18	19	28	23	19	107
Lapeer	18	19	34	22	26	119
Lenawee	20	21	26	24	19	110
Livingston	27	24	34	27	31	143
Marquette	26	17	13	22	14	92
Midland	13	15	19	17	11	75
Shiawassee	17	18	12	21	11	79
Van Buren	25	28	23	26	15	117
POPULATION OVER 100,000						
Bay	30	42	32	30	25	159
Berrien	37	30	41	31	37	176
Calhoun	43	20	28	28	32	151
Genesee	107	108	104	85	83	487
Ingham	34	39	35	21	31	160
Jackson	44	29	36	32	28	169
Kalamazoo	31	36	45	49	44	205
Kent	70	61	83	64	72	350
Macomb	104	90	113	89	106	502
Monroe	42	42	44	34	35	197
Muskegon	29	26	43	30	44	172
Oakland	165	152	178	165	153	813
Ottawa	19	30	28	35	28	140
Saginaw	53	63	53	54	45	268
St. Clair	47	42	45	36	30	200
Washtenaw	50	69	64	58	42	283
Wayne	411	360	356	337	333	1,797
TOTALS	1,955	1,950	2,076	1,849	1,774	9,594

CLASS OF TRAFFICWAY	NUMBER OF ACCIDENTS												THIS YEAR TO DATE			
	ALL ACCIDENTS				ON ROADWAY				OFF ROADWAY							
	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.	Total	Fatal	Injury	P.D.
1. Interstate System	6594	77	1944	4573	3847	40	952	2855	2747	37	992	1718	6594	77	1944	4573
2. Other Full Control	1260	24	356	880	724	10	150	564	536	14	206	316	1260	24	356	880
3. Other US Route	11340	102	3398	7840	8539	75	2393	6071	2801	27	1005	1769	11340	102	3398	7840
4. Other State M Routes	26071	234	7782	18055	20079	192	5576	14311	5992	42	2206	3744	26071	234	7782	18055
5. Other Major Arterial	1588	8	535	1045	1324	7	441	876	264	1	94	169	1588	8	535	1045
6. County Roads	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7. Local Streets	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8. Other Trafficways	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Local Roads—N.K.	78456	583	24855	53018	45684	283	12799	32602	32772	300	12056	20416	78456	583	24855	53018
Totals	125309	1028	38870	85411	80197	607	22311	57279	45112	421	16559	28132	125309	1028	38870	85411

PEDESTRIAN ACCIDENTS	ALL ACCIDENTS			FATAL			INJURY			PROPERTY DAMAGE		
	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.	Total	At Inter.	Not At Inter.
1. Car Going Straight	945	141	804	121	8	113	806	129	677	18	4	14
2. Car Turning Right	18	16	2	0	0	0	14	13	1	4	3	1
3. Car Turning Left	46	27	19	4	1	3	38	24	14	4	2	2
4. Car Backing	26	5	21	1	0	1	24	5	19	1	0	1
5. All Others	37	9	28	5	2	3	30	7	23	2	0	2
6. Not Stated	8	1	7	0	0	0	8	1	7	0	0	0
Totals	1080	199	881	131	11	120	920	179	741	29	9	20

PEDESTRIAN ACTIONS BY AGE	PEDESTRIANS KILLED	AGE OF PEDESTRIANS KILLED AND INJURED									
		Total	0 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 44	45 to 64	65 & Older	Not Stated
1a. Crossing at intersection or in crosswalk	6	131	7	35	22	34	10	18	8	14	3
1b. Crossing not at intersection or in crosswalk	40	430	42	111	86	66	21	48	19	35	2
2a. Walking in roadway—with traffic	31	165	0	2	28	60	22	34	8	7	4
2b. Walking in roadway—against traffic	3	25	0	1	4	10	2	6	1	1	0
3. Standing in roadway	27	108	2	4	9	24	18	34	10	5	2
4. Pushing or working on vehicle in roadway	3	48	0	0	1	10	9	19	5	2	2
5. Other working in roadway	0	8	0	0	0	0	2	4	2	0	0
6. Playing in roadway	0	14	0	8	3	3	0	0	0	0	0
7. Other in roadway	1	98	1	9	12	20	17	24	11	2	2
8. Not in roadway	24	179	2	11	21	40	21	59	18	6	1
9. Not Stated	1	13	0	0	2	3	3	2	1	1	1
Totals	136	1239	54	181	188	270	125	248	83	73	17

RURAL

TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal	Injury	P.D.
At Intersection	1. Entering at angle	12129	112	4498	7519
	2a. From same direction—Both Going Straight	1560	2	381	1177
	2b. Same—one turn, one straight	2953	5	758	2190
	2c. Same—one stopped	4185	4	1423	2758
	2d. Same—all others	485	0	26	459
	3a. From opposite direction—Both Going Straight	588	9	250	329
	3b. Same—one left turn, one straight	3108	14	1395	1699
	3c. Same—all others	157	1	29	127
	4. Not stated	523	0	50	473
	Totals	25688	147	8810	16731

TWO MOTOR VEHICLE ACCIDENTS		Total	Fatal	Injury	P.D.
Not At Intersection	1. Going opposite direction—Both Moving	5178	262	2119	2857
	2. Going same direction—Both Moving	8171	32	2174	5965
	3a. One car parked	4433	12	596	3825
	3b. One car stopped in traffic	5444	8	1949	3488
	4a. One car entering parked pos.	65	0	18	47
	4b. One car leaving parked pos.	298	0	49	249
	5a. One car enter driveway access	5778	16	1942	3820
	5b. One car leaving d./way access	5429	5	1252	4172
	6. All others not stated	1461	5	386	1070
	Totals	36257	280	10484	25493

ALL OTHER ACCIDENTS		Total	Fatal	Injury	P.D.
At Inter. Collision With	1. Other road veh., or RR train	341	8	278	55
	2. Fixed object	4261	21	1381	2859
	3. Other object or animal	301	0	26	275
	4. Overturning	731	5	456	270
	5. Other noncollision	151	0	75	76
Not At Inter. Collision With	6. Other road veh., or RR train	946	46	766	134
	7. Fixed Object	28972	284	10519	18169
	8. Other object or animal	18428	7	601	17820
	9. Overturning	7241	89	4259	2893
	10. Other noncollision	911	10	295	606
	11. Not stated	1	0	0	1
	Totals	62284	470	18656	43158

RURAL

HAZARDOUS ACTION *	NUMBER OF TRAFFIC UNITS			
	TOTAL	Fatal	Injury	P.D.
1. No Violation	86816	630	25121	61065
2. Speed Too Fast	23506	287	9546	13673
3. Speed Too Slow	117	1	50	66
4. Disregard Control/ROW	18627	221	7449	10957
5. Wrong Way	132	12	50	70
6. Left Center/Improper Pass/Lane	11180	212	3361	7607
7. Improper Turn/Signal	5051	10	1486	3555
8. Improper Backing/Start	3942	2	289	3651
9. Following/Unable To Stop	32934	157	12273	20504
10. Other/Not Known	5961	151	2109	3701
11.				
12.				
13.				
14.				
Totals	188266	1683	61734	124849

CONTRIBUTING CIRCUMSTANCE *	NUMBER OF TRAFFIC UNITS			
	TOTAL	Fatal	Injury	P.D.
1. None	80399	539	22989	56871
2. DWI/Drugs	4579	353	1928	2298
3. Reckless/Careless	4925	107	2673	2145
4. Inattention/III/Etc.	2990	19	1395	1576
5. Violation License Restriction	39	1	16	22
6. Obscured Vision	2799	33	1002	1764
7. Defective Equipment	2619	15	926	1678
8. Lost Control/Load/Wind	162	1	48	113
9. Skidding	9733	115	3257	6361
10. Other/Not Known	80021	500	27500	52021
11.				
12.				
13.				
14.				
Totals	188266	1683	61734	124849

*Includes pedestrians and drivers

MANNER OF TWO MOTOR VEHICLE COLLISION	Total	Fatal	Injury	P.D.
1. Head on	4974	207	2130	2637
2. Rear end	7334	32	2075	5227
3. Sideswipe-meeting	514	2	132	380
4. Sideswipe-passing	1156	0	172	984
5. Angle	7783	109	3522	4152
6. Backed into	1451	1	117	1333
7. All others	38696	76	11135	27485
8. Not stated	37	0	11	26
Totals	61945	427	19294	42224

TYPE OF VEHICLE	Total	Fatal	Injury	P.D.
1. Passenger car	138240	1007	44472	92761
2. Passenger car and trailer	709	7	211	491
3. Truck or truck tractor	33006	267	9546	23193
4. Truck tractor and semi-trailer	2458	53	726	1679
5. Other truck combination	1110	14	256	840
6. Farm tractor and/or farm equip.	294	6	118	170
7. Bus	134	2	42	90
8. School Bus	613	1	136	476
9. Motorcycle/Motor scooter	3415	102	2943	370
10. Other not stated	6099	38	1203	4858
Totals	186078	1497	59653	124928

DRINKING CONDITION DRIVERS	NUMBER OF DRIVERS			
	Total	Fatal	Injury	P.D.
1. Had been drinking	26430	634	12300	13496
2. Not known if drinking	9395	43	2016	7336
3. Had not been drinking	150009	819	45315	103875
Totals	185834	1496	59631	124707

DRINKING IN ACCIDENT	NUMBER OF ACCIDENTS			
	Total	Fatal	Injury	P.D.
1. Had been drinking	25386	591	11765	13030
2. Not known if drinking	4247	15	679	3553
3. Had not been drinking	95676	422	26426	68828
Totals	125309	1028	38870	85411

DRINKING CONDITION PEDESTRIAN	NUMBER OF PEDESTRIANS			
	Total	Fatal	Injury	P.D.
1. Had been drinking	87	55	31	1
2. Not known if drinking	1041	13	998	30
3. Had not been drinking	151	79	70	2
Totals	1279	147	1099	33

AGE OF DRIVER	NUMBER OF DRIVERS			
	Total	Fatal	Injury	P.D.
1. 15 and Younger	741	20	381	340
2. 16	7437	31	2483	4923
3. 17	9750	68	3100	6582
4. 18 to 19	19601	141	6478	12982
5. 20 to 24	35182	345	11861	22976
6. 25 to 34	43738	378	14591	28769
7. 35 to 44	24227	192	7766	16269
8. 45 to 54	16085	121	4978	10986
9. 55 to 64	11374	95	3524	7755
10. 65 to 74	5750	48	1859	3843
11. 75 and older	2537	33	836	1668
12. Not stated**	9412	24	1774	7614
Totals	185834	1496	59631	124707
H & R Drivers (Not Apprehended)	0	0	0	0

SEX OF DRIVER	Total	Fatal	Injury	P.D.
1. Male	130253	1205	40775	88273
2. Female	55581	291	18856	36434
Totals	185834	1496	59631	124707

RESIDENCE OF DRIVER	Total	Fatal	Injury	P.D.
1. Local resident	130941	956	42955	87030
2. Residing elsewhere	42220	443	13521	28756
3. Non-resident	4514	53	1494	2967
4. Not stated	8159	44	1661	6454
Totals	185834	1496	59631	124707
Driverless Moving	244	1	22	221

MILEAGE RATES	This Year To Date	Last Year Same Period	Percent Change
1. Motor vehicle traffic deaths			%
2. Estimated motor veh. mileage traveled (billions)			%
3. Death rate per 100-million-vehicle-miles			%
4. Fatal accident rate per 100-million-vehicle-miles			%

*Includes Hit & Run Drivers

MOTOR VEHICLE TRAFFIC DEATHS IN CITIES 10,000 POPULATION AND OVER

City	1976	1977	1978	1979	1980	5 Year Total
POPULATION 10,000-15,000						
Albion	2	0	0	1	1	4
Alpena	0	0	0	0	0	0
Beverly Hills	2	1	1	1	1	6
Big Rapids	0	1	0	0	2	3
Center Line	0	0	0	1	1	2
East Grand Rapids	0	0	0	0	2	2
Farmington	2	1	0	2	1	6
Fraser	1	4	2	2	2	11
Grand Haven	1	0	0	0	2	3
Grandville	1	1	4	1	2	9
Grosse Pointe Farms	2	3	1	0	1	7
Melvindale	3	3	2	3	0	11
Menominee	0	1	1	0	0	2
Niles	2	0	1	1	1	5
Plymouth	0	1	1	0	1	3
Riverview	0	0	0	0	0	0
St. Joseph	1	0	0	1	1	3
Walker	6	2	7	5	4	24
POPULATION 15,000-25,000						
Adrian	0	0	3	1	1	5
Benton Harbor	2	2	1	1	0	6
Berkley	0	1	1	1	3	6
Clawson	0	1	1	2	0	4
Ecorse	1	0	2	4	2	9
Escanaba	2	0	3	2	2	9
Grosse Pointe Park	0	0	1	1	0	2
Grosse Pointe Woods	1	0	2	0	0	3
Harper Woods	1	0	5	2	0	8
Hazel Park	6	1	3	3	4	11
Kentwood	4	3	6	3	1	17
Marquette	2	2	1	3	4	12
Monroe	3	4	1	1	1	11
Mount Clemens	1	3	2	3	0	9
Mount Pleasant	1	2	1	0	0	4
Muskegon Heights	0	1	0	1	1	3
Norton Shores	5	4	5	2	2	18
Owosso	2	3	1	0	0	6
River Rouge	0	1	0	0	0	1
Romulus	11	10	8	12	17	58
Sault Ste. Marie	0	1	1	1	1	4
Traverse City	3	5	1	2	2	13
Trenton	7	4	0	2	2	15
Wayne	2	1	3	5	1	12
POPULATION 25,000-50,000						
Allen Park	7	8	10	4	4	33
Battle Creek	4	3	10	4	6	27
Bay City	8	2	4	2	4	20
Birmingham	0	2	3	0	0	5
East Detroit	4	3	3	5	2	17
East Lansing	0	4	1	1	3	9
Ferndale	2	2	3	4	1	12
Garden City	4	4	1	3	0	12
Hamtramck	2	3	5	2	0	12
Highland Park	1	5	7	7	4	24
Holland	1	3	2	7	2	15

MOTOR VEHICLE TRAFFIC DEATHS IN CITIES 10,000 POPULATION AND OVER (Continued)

County	1976	1977	1978	1979	1980	5 Year Total
POPULATION 25,000-50,000 (Continued)						
Inkster	3	4	5	4	1	17
Jackson	9	2	4	2	1	18
Madison Heights	6	1	1	2	4	14
Midland	4	3	7	6	4	24
Muskegon	1	7	4	5	5	22
Oak Park	0	2	3	3	2	10
Portage	3	5	7	6	8	29
Port Huron	6	8	5	6	4	29
Southgate	5	3	8	3	2	21
Troy	11	11	13	14	10	59
Wyandotte	5	3	2	2	0	12
Ypsilanti	1	2	4	0	4	11
POPULATION OVER 50,000						
Ann Arbor	6	4	8	7	4	29
Dearborn	27	17	16	14	19	93
Dearborn Heights	6	10	3	4	10	33
Detroit	225	195	172	175	162	929
Flint	17	16	32	14	24	103
Grand Rapids	15	16	13	11	19	74
Kalamazoo	5	5	5	7	7	32
Lansing	15	10	9	6	11	51
Lincoln Park	5	5	8	2	4	24
Livonia	12	9	16	10	14	61
Pontiac	13	13	13	9	11	59
Roseville	5	7	14	9	7	42
Royal Oak	5	4	7	8	12	36
Saginaw	4	11	6	14	3	38
St. Clair Shores	5	5	4	2	6	22
Southfield	15	12	13	8	8	56
Sterling Heights	7	7	9	8	14	45
Taylor	23	15	14	9	21	82
Warren	25	19	18	17	22	101
Westland	11	11	12	15	9	58
Wyoming	7	6	9	5	10	37

DEATHS, INJURIES AND ACCIDENTS BY LOCATIONS

Year	Total	Statewide			
		Rural		County Road	
		Urban	Rural	Trunkline	
DEATHS					
1961	1,567	467	1,100	554	546
1962	1,574	470	1,104	577	527
1963	1,887	594	1,293	670	623
1964	2,122	698	1,424	706	718
1965	2,136	708	1,428	743	685
1966	2,298	748	1,550	812	738
1967	2,137	719	1,418	734	684
1968	2,392	703	1,689	865	824
1969	2,487	789	1,718	908	810
1970	2,177	662	1,515	746	769
1971	2,152	681	1,491	737	754
1972	2,258	737	1,521	743	778
1973	2,213	709	1,504	730	774
1974	1,875	640	1,235	533	702
1975	1,811	610	1,201	692	509
1976	1,955	691	1,264	589	695
1977	1,950	628	1,322	605	717
1978	2,076	679	1,399	641	758
1979	1,849	580	1,269	579	690
1980	1,774	601	1,173	518	655
INJURIES					
1961	93,350	58,097	35,253	16,674	18,579
1962	108,143	68,634	39,509	19,677	19,832
1963	126,896	81,436	45,460	22,024	23,436
1964	144,623	92,828	51,795	24,750	27,045
1965	155,258	99,225	56,033	27,025	29,008
1966	156,694	97,983	58,711	26,907	31,804
1967	151,297	95,583	55,714	26,122	29,592
1968	161,413	99,813	60,600	27,386	33,214
1969	175,400	114,409	60,991	27,790	33,201
1970	161,719	102,960	58,759	26,205	32,554
1971	157,664	99,762	37,902	25,800	32,012
1972	178,929	115,834	63,095	28,147	34,948
1973	169,485	108,170	61,315	25,599	35,716
1974	141,132	88,755	52,377	20,209	32,168
1975	147,239	91,573	55,726	21,053	34,673
1976	162,894	99,704	63,190	25,251	37,939
1977	166,389	99,612	66,777	26,927	39,850
1978	169,202	99,533	69,669	28,194	41,475
1979	162,571	97,167	65,404	26,171	39,233
1980	144,972	85,760	59,212	22,508	36,704
ACCIDENTS					
1961	199,973	146,770	53,203	24,833	28,370
1962	233,076	173,973	59,285	27,961	31,324
1963	261,794	196,131	65,663	30,017	35,645
1964	284,444	210,951	73,493	33,761	39,732
1965	310,598	228,091	82,507	37,859	44,648
1966	302,880	215,172	87,708	38,875	48,833
1967	299,004	212,094	86,910	38,233	48,677
1968	305,495	209,854	95,641	42,021	53,620
1969	331,223	231,375	99,848	44,131	55,717
1970	313,715	210,932	102,783	44,984	57,799
1971	314,015	204,095	109,920	48,941	60,979
1972	359,745	236,116	123,629	53,673	69,956
1973	350,864	228,660	122,204	50,431	71,773
1974	324,763	210,716	114,047	43,396	70,651
1975	333,560	213,934	119,626	44,707	74,919
1976	365,600	232,293	133,307	52,401	80,906
1977	374,751	232,322	142,429	55,813	86,616
1978	389,193	239,201	149,992	58,582	91,410
1979	366,435	226,717	139,718	54,759	84,959
1980	314,594	189,285	125,309	46,853	78,456

MOTOR VEHICLE TRAFFIC DEATHS IN MICHIGAN BY MONTH

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
1937	189	127	149	142	161	176	221	234	202	224	181	169	2,175
1938	118	65	84	91	109	99	126	139	153	164	161	145	1,454
1939	101	89	103	80	118	122	172	150	128	166	164	187	1,580
1940	122	98	137	99	130	141	127	161	158	216	184	157	1,730
1941	131	128	152	128	193	178	195	231	176	230	219	172	2,133
1942	139	114	89	96	129	92	120	125	146	109	87	79	1,325
1943	59	51	79	44	75	89	82	67	110	118	96	122	992
1944	130	100	81	82	49	57	59	95	68	97	116	100	1,034
1945	71	60	85	78	74	71	94	88	118	160	131	120	1,150
1946	107	98	121	88	110	106	119	130	123	143	160	165	1,470
1947	86	86	85	113	124	114	134	143	134	142	145	135	1,447
1948	89	64	92	109	125	118	138	134	150	133	165	195	1,512
1949	101	82	106	91	110	99	116	138	169	144	149	136	1,441
1950	105	84	87	139	122	125	153	152	157	174	154	153	1,605
1951	131	103	103	117	119	137	170	163	158	146	160	133	1,640
1952	81	121	125	94	145	169	140	184	181	152	166	178	1,736
1953	139	116	136	132	134	173	176	183	187	187	167	175	1,905
1954	130	126	100	119	149	132	182	167	168	167	153	200	1,793
1955	134	117	116	160	157	192	169	209	160	204	208	190	2,016
1956	166	136	132	140	133	115	149	159	160	144	145	158	1,746
1957	121	98	118	118	130	122	127	152	123	143	135	161	1,548
1958	94	90	95	89	92	112	120	134	132	113	165	146	1,382
1959	76	69	91	126	126	124	148	128	155	125	144	161	1,473
1960	139	76	102	105	107	133	159	154	137	186	152	154	1,604
1961	105	99	113	138	133	114	141	166	128	139	148	143	1,567
1962	94	70	115	110	123	147	166	175	170	172	118	114	1,574
1963	107	95	124	142	148	173	188	177	163	179	196	195	1,887
1964	170	159	158	144	164	167	217	197	177	199	177	193	2,122
1965	153	113	135	143	156	181	211	220	193	214	172	245	2,136
1966	147	156	179	151	207	204	212	206	203	220	205	208	2,298
1967	130	105	141	162	187	140	210	189	223	230	216	204	2,137
1968	130	147	164	150	240	214	208	233	209	248	283	166	2,392
1969	137	158	173	169	239	236	218	254	230	236	219	218	2,487
1970	167	143	160	141	214	205	197	204	213	217	178	138	2,177
1971	137	124	155	144	187	212	222	227	155	209	202	178	2,152
1972	156	161	155	150	204	209	225	210	225	219	174	170	2,258
1973	187	156	173	140	180	230	225	201	204	209	171	137	2,213
1974	111	112	107	116	144	197	189	178	200	195	201	125	1,875
1975	120	97	112	93	149	169	195	203	190	162	161	160	1,811
1976	118	102	134	150	163	169	196	227	189	171	174	162	1,955
1977	126	87	122	143	184	179	223	194	164	189	181	158	1,950
1978	98	104	128	177	178	203	206	229	214	199	183	157	2,076
1979	102	103	129	152	146	155	190	171	174	187	171	169	1,849
1980	117	131	109	116	153	170	142	183	192	152	133	176	1,774

TREND DATA FOR FATAL ACCIDENTS

Trend Data	1976	1977	1978	1979	1980
AGE OF PERSONS KILLED, TOTAL					
0-4 years	43	49	47	39	41
5-9 years	71	62	74	57	52
10-14 years	80	91	80	63	64
15-19 years	415	413	358	342	306
20-24 years	345	334	379	310	337
25-34 years	290	305	397	350	363
35-44 years	160	166	200	190	174
45-54 years	164	138	163	167	142
55-64 years	145	138	152	128	128
65-74 years	96	128	116	99	77
75 years and over	137	116	105	95	85
Not Stated	9	10	9	9	5
TOTALS	1,955	1,950	2,076	1,849	1,774
AGE OF PERSONS KILLED, PEDESTRIANS					
0-4 years	15	21	18	16	11
5-9 years	45	37	38	29	22
10-14 years	27	27	35	22	19
15-19 years	49	32	36	47	29
20-24 years	24	35	30	35	32
25-34 years	27	39	45	44	45
35-44 years	23	25	27	17	26
45-54 years	42	24	29	36	26
55-64 years	30	28	32	22	28
65-74 years	19	30	28	34	16
75 years and over	37	45	30	32	30
Not Stated	3	5	3	4	3
TOTALS	341	348	351	339	287
AGE OF DRIVERS INVOLVED					
15 years and under	16	23	15	15	23
16 years	74	81	70	57	49
17 years	110	94	124	107	91
18-19 years	309	340	248	243	213
20-24 years	545	531	605	513	537
25-34 years	596	615	686	616	584
35-44 years	308	315	354	348	295
45-54 years	253	237	266	241	198
55-64 years	170	198	204	188	164
65 years and over	174	186	172	130	123
Not Stated	48	52	57	61	68
TOTALS	2,603	2,672	2,801	2,519	2,345
PEDESTRIAN ACTION					
Crossing at intersection	40	50	43	56	42
Crossing not at intersection	171	180	147	131	99
In road with traffic	38	13	33	32	46
In road against traffic	2	2	7	5	3
Standing or lying in road	43	62	62	62	45
Pushing or working on vehicle	6	6	8	2	8
Other working in road	2	0	1	2	0
Playing in road	1	3	3	2	0
In road for other reasons	8	11	6	3	1
Not in road	24	21	41	40	42
Other or not stated	6	0	0	3	1
TOTALS	341	348	351	338	287

FATAL ACCIDENTS AND PERSONS KILLED FOR SELECTED HOLIDAY PERIODS IN MICHIGAN

Holiday	Fatal Accidents	Persons Killed	Summary for 1980
MEMORIAL DAY			
1980 (3)	23	23	This schedule shows the traffic death tolls in Michigan for the past five years for the major holiday periods.
1979 (3)	15	17	
1978 (3)	22	25	
1977 (3)	30	32	
1976 (3)	29	34	
FOURTH OF JULY			
1980 (3)	25	25	Based on the total 1980 experience, the average daily deaths were 4.8 persons per day.
1979 (1)	12	12	
1978 (4)	23	23	
1977 (3)	31	34	
1976 (3)	17	19	
LABOR DAY			
1980 (3)	24	28	All weekend deaths, Saturdays and Sundays, plus six hours of the preceding Friday, totaled 780 which is an average of 13 per weekend.
1979 (3)	24	31	
1978 (3)	26	31	
1977 (3)	16	18	
1976 (3)	26	31	
THANKSGIVING			
1980 (4)	28	32	From experience, it is evident that Michigan highways has its share of tragedies.
1979 (4)	23	27	
1978 (4)	25	29	
1977 (4)	29	32	
1976 (4)	26	29	
CHRISTMAS			
1980 (4)	21	23	
1979 (4)	26	29	
1978 (3)	22	31	
1977 (3)	12	14	
1976 (3)	15	17	
NEW YEARS			
1980 (4)	18	21	
1979 (4)	23	27	
1978 (3)	7	7	
1977 (3)	13	15	
1976 (3)	11	13	

Figures in parentheses show number of full days in each holiday period. Deaths are for these days plus the last six hours of the preceding day.

MOTOR VEHICLE TRAFFIC ACCIDENT AND RELATED DATA

Year	Deaths	Injuries	Accidents	Estimated Mileage (Millions)	Motor Vehicle Registrations*	Death Rate**
1933	1,278	—	—	8,430.0	1,083,057	15.2
1934	1,511	—	—	9,080.0	1,155,453	16.6
1935	1,676	—	—	9,980.0	1,246,690	16.8
1936	1,924	—	—	12,280.0	1,382,571	15.7
1937	2,175	31,141	92,230	13,668.0	1,514,960	15.9
1938	1,454	22,891	71,114	12,872.8	1,416,514	11.3
1939	1,580	28,465	91,965	14,062.7	1,482,485	11.2
1940	1,730	34,247	116,154	15,132.3	1,563,635	11.4
1941	2,133	40,708	133,236	17,043.5	1,717,449	12.5
1942	1,325	28,967	100,125	13,900.3	1,626,861	9.5
1943	992	21,988	71,450	10,530.0	1,542,798	9.4
1944	1,034	23,401	72,013	10,651.0	1,505,246	9.7
1945	1,150	27,755	83,160	11,915.6	1,483,466	9.7
1946	1,470	34,479	110,631	16,191.1	1,619,541	9.1
1947	1,447	38,195	137,619	17,661.1	1,850,274	8.2
1948	1,512	40,892	140,172	19,069.2	2,030,685	7.9
1949	1,441	41,647	143,197	19,990.4	2,203,375	7.2
1950	1,605	45,734	161,750	21,494.5	2,439,593	7.5
1951	1,640	48,418	176,587	22,668.1	2,560,652	7.2
1952	1,736	49,119	160,829	23,093.1	2,586,834	7.5
1953	1,905	57,834	184,174	25,346.9	2,808,921	7.5
1954	1,793	56,444	185,534	26,041.2	2,889,740	6.9
1955	2,016	62,234	196,812	28,282.5	3,149,323	7.1
1956	1,746	61,158	197,995	28,429.3	3,174,704	6.1
1957	1,548	60,067	191,915	29,252.2	3,256,150	5.3
1958	1,382	57,767	177,934	29,411.3	3,157,441	4.7
1959	1,473	64,873	198,771	30,679.0	3,252,492	4.8
1960	1,604	91,026	209,724	31,842.4	3,352,234	5.0
1961	1,567	93,350	199,973	32,101.5	3,395,736	4.9
1962	1,574	108,143	233,078	34,498.0	3,498,758	4.6
1963	1,887	126,896	261,794	36,452.2	3,646,080	5.2
1964	2,122	144,623	284,444	38,617.6	3,860,791	5.5
1965	2,136	155,258	310,598	40,857.4	4,066,826	5.2
1966	2,298	156,694	302,880	43,940.1	4,133,199	5.2
1967	2,137	151,297	299,004	45,053.6	4,161,573	4.7
1968	2,392	160,413	305,495	48,047.4	4,327,885	5.0
1969	2,487	175,400	331,223	50,904.9	4,560,097	4.9
1970	2,177	161,719	313,715	53,148.1	4,683,919	4.1
1971	2,152	157,664	314,015	55,539.7	4,835,146	3.9
1972	2,258	178,929	359,745	57,817.1	5,160,985	3.9
1973	2,213	169,485	350,864	58,478.4	5,442,233	3.8
1974	1,875	141,132	324,763	55,748.7	5,652,406	3.4
1975	1,811	147,299	333,560	56,260.5	5,744,441	3.2
1976	1,955	162,894	365,600	61,638.0	5,861,908	3.2
1977	1,950	166,389	374,751	64,853.0	6,138,732	3.0
1978	2,076	169,202	389,193	67,380.0	6,436,365	3.1
1979	1,849	162,571	366,435	64,882.3	6,536,246	2.9
1980	1,774	144,972	314,594	61,190.1	6,570,735	2.9

*Excludes trailers and trailer coaches.

**Deaths per 100 million miles of travel.